

AD-A128 114 FORT BENNING GEORGIA REVISED UNIFORM SUMMARY OF SURFACE

1/5

FORT BENNING GEORGIA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATI..(U) AIR FORCE ENVIRONMENTAL

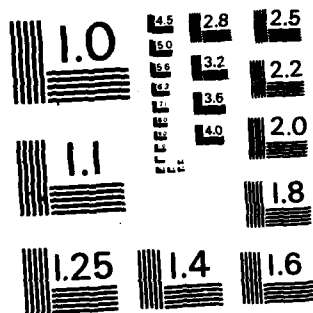
WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL
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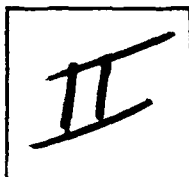
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ADA 128114

DTIC ACCESSION NUMBER

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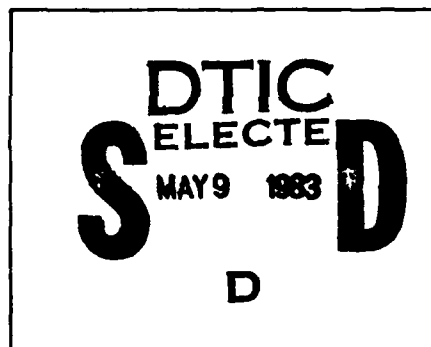
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DS 82/064

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Air Weather Service (MAC)

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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

3 SEP 1982

FORT BENNING, GA MSC# 722250
N 32 20 W 085 00 232 FT LSF

PARTS A-F

POR: FROM HOURLY OBS JAN 73 - DEC 81

POR: FROM DAILY OBS MAY 39 - FEB 46, MAY 46 - DEC 81

TIME CONVERSION GMT TO LST: -5

AUG 25 1982

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FEDERAL BUILDING
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Information Officer (STINFO)

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ADE 850 363

USGA 722250

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS 82/064	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- FORT BENNING, GEORGIA		5. TYPE OF REPORT & PERIOD COVERED Final rept															
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
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12. REPORT DATE SEP 82		13. NUMBER OF PAGES															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number)																	
<table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number)																	
<p>This report is a six-part statistical summary of surface weather observations for</p> <p>FORT BENNING, GEORGIA</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)</p>																	

DD FORM 1473

1 JAN 73

EDITION OF 1 NOV 65 IS OBSOLETE

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*GEORGIA

*FORT BENNING

*

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into summary of the day observations. (Selected from record-special, record, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Each summary section is a brief description of the data comprising each part of the revised uniform summary of surface weather observations and a manner of presentation. Summaries are prepared from hourly and daily observations recorded by stations operated by the U.S. Air Force and by some foreign stations with similar reporting practices.

The following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 00-01, 01-02, 02-03, 03-04, 04-05, 05-06, 06-07, 07-08, 08-09, 09-10, 10-11, 11-12, 12-13, 13-14, 14-15, 15-16, 16-17, 17-18, 18-19, 19-20, 20-21, 21-22, 22-23, 23-24 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

APRIL _____

APRIL _____

JULY _____

OCTOBER _____

MAY _____

MAY _____

AUGUST _____

NOVEMBER _____

JUNE _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO OR SUMMARY		STATION NAME		LATITUDE		LONGITUDE		STATION ELEV (FT)		CALL SIGN		WHO NUMBER	
722250		FORT BENNING GEORGIA/LAWSON AAF		N 32 20		W 085 00		232		LSF		72225	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			STATION (FT)	TYPE BAROMETER					
1	Lawson Fld Ft Benning Ga	AAF	May 39	Dec 44	N 32 21	W 085 00	223	227	24				
2	Same	Same	Jan 45	May 48	Same	Same	224	Same	24				
3	Lawson AFB Ft Benning Ga	AFB	Jun 48	Jun 49	Same	Same	Same	232	24				
4	Same	Same	Jul 49	Feb 53	Same	Same	242	241	24				
5	Same	Same	Mar 53	Jan 55	Same	Same	Same	Same	24				
6	Lawson AAF, Ft Benning Ga	AAF	Feb 55	Feb 68	Same	Same	Same	Same	24				
7	Same	Same	Mar 68	Dec 72	Same	Same	232	289	24				
8	Same	Same	Jan 73	Aug 82	N 32 20	Same	Same	238	Same				

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	May 39to Feb 41	Located on the S end of Operations Office.	Anemometer	None	55 Ft	
2	Mar-Jun 41	Located on E side of Hangar # 1.	Same	None	Same	
3	Jul 41to Oct 44	Located between Hangars # 1 and # 2.	Selsyn	ML-144	Same	
4	Nov 44to Apr 45	Same	Same	Same	71 Ft	
5	May 45to Jun 50	Same	Same	Same	52 Ft	
6	Jul 50to Apr 54	Located on top of Base Operations Bldg.	Same	Same	80 Ft	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
7	May 54 to Feb 55	Located on top of the Hangar.	Same	Same	57 Ft	
8	Mar 55 to Feb 56	Same	Same	Same	50 Ft	
9	Mar 56 to Feb 57	Located on the roof of Bldg 301.	Same	Same	63 Ft	
10	Mar 57 to Feb 58	Located on the roof above the Weather Station.	Same	Same	75 Ft	
11	Mar 58 to Feb 62	Located on top of Bldg 301.	Same	Same	60 Ft	
12	Mar 62 to Feb 66	Located in the Rnwy Complex.	AN/GMQ-11	RO-2	13 Ft	
13	Mar 66 to Feb 67	Located at the S end of Rnwy 02.	Same	Same	12 Ft	
14	Mar 67 to Feb 68	Located 600 ft W of Rnwy 02-20 centerline, 600 ft from approach end of Rnwy 02.	Same	Same	Same	
15	Mar 68 to Sep 70	1. Located 700 ft from centerline, 750 ft from end of Rnwy 14. 2. Located 700 ft from centerline, 1000 ft from end of Rnwy 32.	AN/GMQ-11 Same	RO-2	13 Ft Same	
16	Oct 70 to Dec 72	1. Located 700 ft WSW of centerline, 1020 ft from end of Rnwy 14. 2. Located 700 ft WSW of centerline, 1250 ft from end of Rnwy 32.	AN/GMQ-20 Same	RO-362	13 Ft Same	
17	Jan 73 to Aug 82	1. Located 700 ft WSW of centerline, 1287 ft from intersection of centerlines of Rnwys 14 & 02. 1. Located 755 ft SE of centerline, 1349 ft from end of Rnwy 02. 2. Located 700 ft WSW of centerline, 1148 ft from end of overrun and 998 ft from end of Rnwy 32	Same Same Same	Same Same Same	Same Same Same	9.8 ft above intersection of Rnwys 02 & 14. Lat/Lon 32° 20' 19.954" 84° 59' 45.719". Same 6.6 ft above end of Rnwy 32 Lat/Lon 32° 19' 27.896" 84° 59' 02.289"

U S AIR FORCE
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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

WEATHER CONDITIONS

STATION

1947-1948

YEARS

MONTH

[illegible]

WEATHER CONDITIONS

~~MONTH~~

[illegible]

STATION	STATION NAME	YEARS	MONTH
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JULY 64

STATION

STATION NAME

YEARS

NOTES

1. DATE 10/10/68 BY W. J. B. J. B. J. B.

[illegible]

1. *Journal of the American Statistical Association*, 1991, 86, 1001-1013.
 2. *Journal of the American Statistical Association*, 1992, 87, 1001-1013.
 3. *Journal of the American Statistical Association*, 1993, 88, 1001-1013.

STATION

STATION NAME

77-11

YEARS

MONTH

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
	-	0.4	0.1				5.3	10.0	11.0			17.7	43
	-	0.3	0.				4.1	10.	11.0			25.7	31
	-	0.2	0.1				10.4	20.0	24.			37.1	104
	-	0.3	.				7.1	9.5	17.1			34.1	51
	-	0.	.				0.0	3.4	10.0			13.4	5
	-	0.0	0.7			.	1.7	3.4	13.			11.	31
	-	0.0	0.7				0.7	0.5	11.3			11.3	10
	-	0.	0.1				0.1	0.1	12.1			12.4	17
TOTALS		0.	0.7			.	0.0	10.7	15.0			37.4	240

1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 2. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 3. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 4. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
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 9. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 10. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

MONTH

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
	-	1.	.				1.3	11.6	16.1			20.	38.8
	-	1.	.				1.3	34.3	14.5			51.	49
	-	.	1.7				2.3	4.8	70.7			57.4	10.7
	-	.5	1.				3.3	6.4	17.7			33.1	8
	-	.1	1.				1.3	1.4	17.		.1	18.	16
	-	.3	1.1				7.1	1.9	10.6			10.2	40.5
	-	1.	.				1.1	3.3	17.7			14.3	38.7
	-	.2	.				3.3	2.5	16.7			10.1	10
TOTALS		.	.11				6.4	16.1	10.3		.	10.3	644.5

1. DE LORENZO, A. J. 1973. *Journal of Fish Research Board of Canada* 30: 101-104.

JUL
MONTH

3. DETERMINATION OF FREQUENCY OF OCCURRENCE OF WEATHER CONDITION FROM HOURLY OBSERVATIONS

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JUL 66

WEATHER CONDITIONS

STATION

STATION NAME

73-01

YEARS

MONTH

CONTINUAL FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM 400 HLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
	-	1.1	1.3				1.3	14.0	17.7			36.0	137
	-	.4	.7				1.3	10.1	17.7			31.1	131
	-	.1	.0				1.0	12.1	11.7			24.4	137
	-	.3	.0				1.0	7.0	10.0			18.4	134
	1-7	2.4	4.0				4.0	1.1	2.0			27.1	134
	1-7	1.9	.0				2.0	1.0	13.3			21.1	134
	1-7	1.3	1.0				2.7	4.1	13.3			21.4	137
	1-7	3.2	1.0				3.2	3.0	10.4			19.1	134
TOTALS		.2	4.7				4.3	12.6	13.4			3.0	1371

DATE OF BIRTH: 08/07/1961
PLACE OF BIRTH: [REDACTED]

~~MONTH~~

[illegible]

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
	-	.2	.4				3.3	14.	3.3			11.1	34
	-	.3	.				3.1	10.8	3.7			10.2	37
	-		.				3.7	11.7	11.3			11.7	37
	-		.6				3.	12.	34.7			41.7	31
	-	.2	.2				3.3	4.3	11.3			14.3	37
	-	.3	.7				4.3	3.4	3.4			11.1	37
	-	.4	.				7.4	3.7	1.7			11.3	34
	-		.				4.3	6.1	7.			11.1	33
TOTALS		.2	.6				.	10.1	11.1			11.7	1677

THE UNIVERSITY OF CHICAGO
 5408 S. UNIVERSITY AVE.
 CHICAGO, ILL. 60637

MONTH

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	1	1	1				5.0	12.0	3.0			1.0	1.0
FEB	1	1	1		1		5.0	17.0	6.1			1.4	9
MAR	1	1	1				5.0	42.1	14.1			20.0	17
APR	1	1	1				7.3	11.0	20.7			4.3	12
MAY	1	1	1				6.1	5.4	14.1			1.1	10
JUN	1		1				7.4	3.7	1.1			1.1	7
JUL	1	1	1				5.2	3.7	5.9			1.2	6
AUG	1	1	1		1		7.7	11.1	4.7			14.1	12
SEPT													
OCT													
NOV													
DEC													
TOTALS		1	1		1		5.0	11.1	11.7			17.1	54.0

WEATHER CONDITIONS

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITION FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
	-	.0	.		.		4.	10.0	1.0			11.0	34
	-	.	1.0		.		11.0	12.0	2.			27.0	34
	-		.		.		10.0	11.0	4.		.1	25.0	32
	-	.	.		.		4.4	19.3	1.0		.4	3.0	24
	-		1.7				1.7	6.0	1.0			24.0	34
	-	.4	.				7.7	6.0	1.0		.1	11.0	34
	-	.3	.		.		7.7	7.0	4.			11.0	34
	-	.7	.				7.0	11.9	1.0			11.0	34
TOTALS		.4	.		.		4.4	7.0	1.0		.1	25.0	34

WEATHER CONDITIONS

STATION

STATION NAME

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
		.1	.1		.1		11.2	15.1	1.7			71.1	6577
		.1	.1	.1	.1	.1	11.1	14.3	1.1		.4	71.1	6569
		.1	.1	.1	.1		11.1	13.1	.1	.1		74.3	6567
		.1	.1				11.1	11.1	1.7		.1	75.7	6431
		.1	.1			.1	11.1	11.7	1.1			77.1	6547
		.1	.1				11.1	11.1	11.1		.1	74.3	6444
		.1	.1			.1	11.1	11.1	11.1			74.3	6571
		.1	.1				11.1	11.1	15.4			74.3	6471
		.1	.1				11.1	11.1	1.1			74.3	6441
		.1	.1				11.1	11.1	14.1			74.3	6477
		.1	.1		.1		11.1	11.1	1.7			77.1	6461
		.1	.1		.1		11.1	11.1	4.1		.1	74.3	6461
TOTALS		1.1	.7	.1	.1	.1	11.1	11.1	15.1	.1	.1	77.1	74477

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XX **WEATHER CONDITIONS** XX
XXX XXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

1962-63
STATION

FT BENNING GA

STATION NAME

46-81

YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	DAILY	4.5	43.5	.6	3.2	.1	45.1	51.7	35.2			56.2	1085
FEB		7.6	43.6	.4	2.5		44.1	49.8	34.4	.1		57.5	988
MAR		12.9	43.3	.1	.7	.3	43.7	48.7	38.0	.1	.1	57.1	1003
APR		15.2	33.8			.3	33.3	48.7	29.8			53.7	1050
MAY		21.0	33.7			.4	37.4	49.5	34.0		.1	55.1	1116
JUN		29.9	43.7			.1	41.9	48.3	36.5			55.6	1075
JUL		43.5	53.7			.1	52.7	53.6	37.1			59.3	1115
AUG		31.7	43.1			.1	42.2	60.7	43.9			65.6	1116
SEP		13.1	36.7			.1	34.5	57.0	44.4			62.9	1080
OCT		3.5	23.3			.1	23.0	62.8	43.6			67.0	1115
NOV		4.2	32.1		.6		32.4	59.6	47.0			63.6	1078
DEC		4.1	41.3	.1	1.1	.1	39.8	52.8	36.5			58.3	1116
TOTALS		15.9	39.5	.1	.7	.1	39.2	53.6	38.7	.0	.0	59.4	13017

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

722257 FT BENNING GA

39-81

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	55.1	13.2	2.4	4.8	3.1	6.1	6.0	5.6	3.4	.3				31.6	1302	4.17	9.06	.92
FEB	55.	11.5	1.7	4.8	2.6	6.7	7.0	6.8	3.7	.1	.1			33.4	1169	4.40	9.64	.88
MAR	55.6	11.9	1.7	5.0	3.0	6.1	6.1	6.2	4.5	.7				33.5	1269	5.62	16.81	.78
APR	65.8	9.6	1.1	3.4	2.8	3.9	3.7	4.5	4.5	.7	.1			24.6	1230	4.59	12.32	.39
MAY	62.5	11.0	2.5	4.4	2.3	5.8	5.4	3.9	2.8	.6				27.5	1333	3.76	9.89	.05
JUN	54.7	12.5	2.9	5.3	4.3	6.6	5.3	4.7	3.3	.2				32.9	1290	3.80	9.40	.84
JUL	44.6	13.8	2.2	5.5	5.7	8.6	8.9	6.4	4.6	.5				41.6	1333	5.64	15.76	1.02
AUG	54.6	11.5	2.9	5.2	4.0	8.0	5.1	5.3	2.9	.5				33.7	1333	4.13	12.34	.52
SEP	64.7	9.8	1.9	4.0	2.4	5.0	4.7	4.3	2.9	.6				25.4	1290	3.49	10.17	.05
OCT	77.4	7.1	1.3	3.5	1.8	2.8	2.6	2.2	1.1	.2				15.5	1333	1.73	7.30	TRACE
NOV	68.2	8.5	2.0	3.6	2.4	4.8	4.0	4.0	2.2	.3				23.4	1288	2.88	13.19	.12
DEC	56.0	10.3	2.2	5.0	3.4	5.0	5.7	5.2	4.9	.3				31.5	1333	4.86	11.05	.57
ANNUAL	59.7	11.7	2.1	4.5	3.1	5.8	5.4	4.9	3.4	.4	.0			29.5	15503	9.05		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

722250 FT BENNING GA

39-81

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
30					.74	1.09	2.10	1.87	1.28	.12	.25	2.09	
41	1.29	1.89	.80	1.52	1.01	2.79	2.74	1.15	.71	.09	1.24	.78	2.79
41	.64	1.11	1.64	1.35	.51	.91	2.76	.94	2.51	.46	.06	2.10	2.76
42	1.01	1.54	3.05	1.93	.64	2.25	1.27	1.14	1.66	.49	1.22	1.82	1.05
43	2.23	.54	4.36	1.86	1.73	1.86	1.50	.96	1.49	.46	1.48	1.90	4.36
44	1.75	.60	3.63	4.39	1.04	1.42	2.25	.83	1.81	.24	1.36	.93	4.39
45	1.12	1.99	2.27	2.10	3.09	1.37	1.18	2.27	1.02	1.51	3.82	1.82	3.82
46	1.35*	.54			1.76	2.65	2.05	1.13	1.01	.74	.50	1.04	
47	2.54	1.17	1.88	2.48	1.48	2.23	1.45	.93	.57	.77	2.14	2.19	2.54
48	1.10	1.63	1.78	1.11	.61	2.37	2.70	4.52	1.37	.80	2.85	2.10	4.52
49	1.18	1.64	1.03	4.80	1.36	2.11	1.84	2.27	1.33	1.05	.70	1.35	4.80
50	.69	.78	1.00	1.21	2.25	1.58	1.31	1.52	1.07	.78	.30	1.42	2.25
51	.92	1.18	1.58	1.87	.79	.9	1.37	.80	2.99	.19	.66	1.31	2.99
52	1.29	1.64	3.52	1.85	1.77	2.49	.39	.74	.52	.19	1.38	1.21	3.52
53	1.40	1.74	.56	5.54	2.82	.93	1.62	1.21	2.01	.49	1.11	1.89	5.54
54	.72	.90*	1.45	.55	.45	1.28	1.82	.26	1.52	.03	.64	.65	1.82
55	1.77	2.19	1.38	2.36	2.68	1.61	1.75	.82	.60	.88	.85	.32	2.68
56	.62	2.04	1.00	1.41	.33	.62	1.56	.59	3.05	.59	.12	3.23	3.23
57	.53	1.03	1.72	1.24	3.10	.89	.68	.86	1.23	.20	1.21	.79	3.10
58	.46	.71	1.76	1.19	.34	.28	.68	.37	.20	.34	.34	1.83	1.83
59	1.27	1.43	1.24	.25	.60	1.38	.60	1.49	1.60	1.25	.80	.91	1.60
60	1.75	1.01	1.98	2.51	.78	1.47	2.55	1.26	1.24	.44	.50	.83	2.55
61	.98	2.21	1.90	1.56	1.26	1.76	1.66	.82	.64	TRACE	.63	2.66	2.66
62	1.31	.82	2.33	1.44	.03	1.83	1.45	.90	.87	.93	1.00	.43	2.33
63	1.67	1.60	.49	1.04	.62	1.41	1.34	2.77	2.58	TRACE	2.18	1.43	2.77
64	.94	.91	1.51	3.28	2.64	1.27	2.50	1.74	3.08	4.02	.66	2.37	4.02
65	1.10	1.54	2.05	.11	.75	1.39	2.31	2.00	1.11	1.10	.82	.82	2.31
66	2.22	1.85	4.21	1.06	2.34	.76	.69	2.98	1.12	2.47	2.27	2.16	4.21
67	1.29	1.22	.43	.30	2.47	1.89	1.62	1.60	.44	1.89	2.62	1.26	2.62
68	.64	.67	2.49	1.39	1.88	.42	1.72	1.79	1.10	.31	1.88	1.41	2.49
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

72250 FT BENNING GA

39-61

STATION

STATION NAME

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
39					4.09	3.69	8.83	8.40	2.48	.12	.64	4.54	
40	4.21	5.21	4.34	3.55	1.80	9.40	7.85	3.20	1.00	.11	4.38	4.49	49.46
41	1.47	3.11	3.59	1.72	.78	4.44	7.11	4.66	3.27	.86	.12	5.60	36.68
42	3.07	4.32	7.15	2.09	1.55	6.58	4.69	4.64	5.08	.92	1.82	8.39	50.81
43	8.20	.88	16.81	3.60	4.82	4.34	3.65	2.45	3.41	.68	2.10	3.26	54.22
44	3.84	3.98	14.01	10.39	1.46	2.58	7.72	4.03	5.93	.37	3.14	1.90	59.38
45	3.19	5.18	2.53	7.26	4.09	5.83	7.70	4.42	3.87	4.42	4.84	7.39	60.52
46	4.72*	1.06			6.45	4.24	7.27	4.70	3.46	1.42	1.31	1.83	
47	9.00	1.45	5.94	6.77	4.59	4.39	3.87	3.75	1.70	1.78	6.55	8.82	58.61
48	4.09	4.75	7.31	2.89	1.73	4.84	15.78	12.34	3.60	1.27	13.49	4.65	76.24
49	2.84	8.20	4.05	4.71	2.62	4.99	7.87	6.08	2.95	2.44	.09	3.74	55.18
50	2.38	2.32	4.85	3.55	4.03	4.77	6.28	4.12	2.82	1.43	.81	5.31	42.87
51	2.04	2.08	3.92	4.76	1.41	2.96	4.48	1.98	8.92	.32	2.45	4.32	39.61
52	2.89	5.10	9.81	4.48	6.88	6.63	1.02	3.69	2.03	.27	2.02	6.42	51.29
53	5.17	5.46	1.59	12.32	5.02	4.37	5.87	3.53	5.84	.92	2.43	9.95	63.47
54	.92	2.04*	3.24	.95	1.59	3.77	6.81	.52	1.89	.03	2.22	3.18	42.24
55	5.08	3.81	1.57	5.32	5.49	2.91	9.88	2.07	.90	2.16	2.37	.57	41.63
56	2.04	7.23	4.67	2.61	1.26	2.33	4.62	1.74	6.49	1.54	.20	7.55	42.28
57	2.34	2.04	3.73	4.47	6.66	3.64	1.19	1.48	5.12	.49	4.67	1.92	37.78
58	1.98	2.57	4.13	2.83	.77	1.45	3.49	1.47	.80	.57	.97	4.06	29.79
59	3.24	5.03	4.45	.71	3.49	2.37	1.80	3.03	4.19	5.41	.86	1.76	36.34
60	4.42	5.20	6.19	6.41	1.59	2.38	8.00	3.83	3.84	.81	1.21	2.48	42.76
61	2.34	7.93	4.18	5.68	5.80	3.70	4.82	2.37	1.82	TRACE	.70	6.26	43.78
62	4.18	2.51	6.04	4.55	.05	3.35	2.78	1.23	2.81	1.59	2.86	2.12	36.89
63	6.73	3.27	1.48	3.68	1.80	3.99	3.97	1.32	3.76	TRACE	4.37	4.89	41.04
64	6.22	4.83	4.10	10.87	3.41	4.40	8.46	3.83	3.49	7.30	2.13	8.63	44.37
65	3.07	5.89	5.41	.39	1.77	3.77	6.04	4.93	2.26	2.41	1.64	2.71	48.29
66	8.12	8.11	6.10	1.98	3.86	2.89	2.15	8.03	2.47	4.90	5.89	5.16	59.74
67	3.89	3.14	.78	.64	5.62	4.88	5.78	6.86	1.73	2.88	4.29	5.81	46.28
68	2.11	1.29	4.24	3.74	3.92	.84	2.17	4.12	1.89	.89	4.73	5.23	38.27
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM 7/64 0-88.5 (OLI)

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

72225. FT BENNING GA

39-21

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

39-81

YEARS

[illegible]

NOTE • BASED ON LESS THAN FULL MONTHS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

72225

FT BENNING GA

46-81

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	96.9	3.1			.1									.1	1085	.1	2.0	.0
FEB	97.5	2.2	.1		.1				.1					.3	988	.3	10.5	.0
MAR	99.4	.5		.1										.1	1083	TRACE	.5	.0
APR	100.0														1050	.0	.0	.0
MAY	100.0														1116	.0	.0	.0
JUN	100.0														1080	.0	.0	.0
JUL	100.0														1116	.0	.0	.0
AUG	100.0														1116	.0	.0	.0
SEP	100.0														1080	.0	.0	.0
OCT	100.0														1116	.0	.0	.0
NOV	99.4	.6													1078	TRACE	TRACE	.0
DEC	98.9	1.1													1116	TRACE	TRACE	.0
ANNUAL	99.3	.6	.0	.0	.0				.0					.0	13024	.4		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

722250 FT BENNING GA
STATION STATION NAME

94-01 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46					.0	.0	.3	.0	.0	.0	.0	.3	
47	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
51	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
54	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
56	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
58	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
59	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
60	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
64	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
66	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
69	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
71	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	9.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	9.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
MEAN													
S. D.													
TOTAL OBS													

NOTE * BASED ON LESS THAN FULL MONTHS

EXTREME VALUES

FROM DAILY OBSERVATIONS

46-81

STATION

STATION NAME

YEARS

[illegible]

NOTE • BASED ON LESS THAN FULL MEETING

1210 WS ~~FORM~~ 0-88-5 (OL1)
JUN 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

7225 STATION FT BENNING GA 46-81 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45					.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
51	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
54	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
56	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
58	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
59	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
60	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
64	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
66	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
69	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
71	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	10.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	10.5
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

YEARS

[illegible]

NOTE • BASED ON LESS THAN FULL MONTHS

GENERAL CLIMATOLOGY BRANCH
USAFSTAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

722250 FT BENNING GA

39-81

STATION

STATION NAME

YEARS

PRECIP	NONE	TRACE	AMOUNTS (INCHES)											PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
			01	02 05	06 10	11 25	26 50	51 100	101 250	251 500	501 1000	1001 2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 04	05 14	15 24	25 34	35 44	45 64	65 104	105 154	155 254	255 504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN	99.6	.3		.1										.1	1382			
FEB	99.4	.3		.1		.1	.2							.3	1169			
MAR	99.9	.1													1269			
APR	100.0														1230			
MAY	100.0														1373			
JUN	100.0														1290			
JUL	100.0														1333			
AUG	100.0														1333			
SEP	100.0														1290			
OCT	100.0														1333			
NOV	100.0														1288			
DEC	100.0														1333			
ANNUAL	99.9	.1		.1		.1	.3							.0	15503			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM 1941 TO PRESENT

2225 FT BENNING GA STATION NAME

39-21 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
40													
41	TRACE												TRACE
42		TRACE											TRACE
43													
44													
45													
46													
47													
48													
49													
50													
51													
52													
53													
54													
55													
56													
57													
58													
59													
60													
61													
62													
63													
64													
65													
66													
67													
68													
69													
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

22200 FT PENNING GA
 STATION STATION NAME

39-81 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
69		0	0	0	0	0	0	0	0	0	0	0	0
70		0	0	0	0	0	0	0	0	0	0	0	0
71		0	0	0	0	0	0	0	0	0	0	0	0
72	TRACE	0	0	0	0	0	0	0	0	0	0	0	0
73		0	0	0	0	0	0	0	0	0	0	0	0
74		0	0	0	0	0	0	0	0	0	0	0	0
75		0	0	0	0	0	0	0	0	0	0	0	0
76		0	0	0	0	0	0	0	0	0	0	0	0
77		TRACE	0	0	0	0	0	0	0	0	0	0	0
78		0	0	0	0	0	0	0	0	0	0	0	0
79		TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
80		0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
81		0	0	0	0	0	0	0	0	0	0	0	0
82													
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
00													
MEAN	0	0.2	TRACE	0	0	0	0	0	0	0	0	0	0.2
S D	0.319	1.423	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.420
TOTAL OBS	1302	1169	1269	1230	1333	1290	1333	1333	1290	1333	1290	1333	13302

NOTE * (BASED ON LESS THAN FULL MONTHS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

EXTREME VALUES

SURFACE WINDS

FROM SALT OBSERVATIONS

772250 FT BENNING GA
STATION STATION NAME

46-47, 49-60, 63-81
YEARS

DAILY PEAK GUSTS IN KNOTS

[illegible]

NOTES • BASED ON LESS THAN FULL MONTHS

1210 WS FORM 0.88.5 (OLI)
JUL 64

\$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

12285 FT BENNING GA STATION STATION NAME

46-47, 49-60, 63-61 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS	
YEAR														
40														
47	WNW 27NNW	32NNW	42NNW	40NW	52SE	21NNE	40NNW	46NNW	51NNE	30ESE	35W	28	NW 52	
49	S 23S	41NW	44BE	*35NW	*37NNW	*58SE	*35W	*46NNW	*29SW	*37SSW	*43W	*25	NNW*50	
50	SSW*37SE	*31S	*52W	*40SW	*47SE	*56SW	*36S	*32NNW	*31NE	*34NW	*44NW	*34	SSW*49	
51	SSE*30NW	38SE	43NNW	38NNW	49W	*39NW	43SW	37W	38NW	27S	41WSW	30	NNW 49	
52	N 34SSW	41S	43SSW	39NNW	*30NW	53NW	38S	36NE	*26NW	20NNW	31W	33	NNW 53	
53	W 36ENE	34NW	41NNW	42SE	70NNW	48NNW	36W	26ENE	40NW	30NNW	*36W	*33	SE 70	
54	NNW 33NNW	38SW	*38W	36E	30ENE	46E	65SSW	34NE	51NW	41SW	38NNW	34	E 46	
55	NW 38NW	37NW	43SW	34WSW	41ENE	41E	30E	27E	24NNW	30NNW	26NW	26	NW 43	
56	NW 32NNW	48NNW	41SSW	43WSW	34SW	40NW	70NE	49E	38WSW	23NNW	33NNW	37	NW 70	
57	SW 30W	26NNW	30SE	45E	33NW	30W	28NW	31SW	26NW	23NNW	35NNW	*34	SSE 48	
58	SW 36NNW	42NNW	30WSW	35W	42WSW	35WSW	32SE	36NNW	37N	21NNW	29WSW	21	NNW 52	
59	WSW 38S	22WSW	37NNW	28SE	39SE	25SW	30NNW	37WSW	32NW	34NW	34W	33	SE 39	
60	W 31W	43NNW	38NE	41S	35NW	34WSW	50N	36NNE	31W	25W	26W	40	WSW 50	
63		NNW 35W	26N	25S	29W	29NNE	21ENE	23N	22NW	33W	23			
64	NNW 26NW	30S	40NW	48E	23NE	37S	62NNW	*32NE	33N	29SSW	29NW	38	S 62	
65	WSW 35W	40SSW	46NW	28N	33NW	33NE	29S	26SE	30N	25NNW	32W	32	SSW 40	
66	NE 33WSW	39WSW	32W	38NE	*23ENE	64E	33SE	58NW	23NW	22W	32W	29	ENE 60	
67	SSW 32W	27S	39NW	32W	32NNW	39N	41S	23SE	23NW	24NW	23NW	32	N 41	
68	N 28W	29NW	41W	36ESE	37E	24SW	3120/	2611/	2429/	2518/	2728/	34	NW 41	
69	35/	2128/	4714/	4023/	2430/	2352/	3812/	3215/	30 6/	23 7/	2130/	2428/	32	28/ 47
70	30/	2536/	2728/	2828/	3415/	2853/	3927/	33 5/	47 3/	291 0/	2113/	2428/	30	5/ 47
71	36/	4228/	3433/	3223/	2634/	40 9/	2724/	3813/	2034/	1730/	2331/	2421/	24	36/ 42
72	33/	3232/	4130/	41 2/	2836/	3133/	3731/	3234/	2330/	2734/	2328/	2430/	28	32/ 41
73	13/	2729/	2131/	3228/	2426/	3236/	3930/	19	5*	4029/	2030/	37		
74	30*	2231/	2734/	4721/	3434*	2826/	3836/	4730/	4835/	1929/	2626/	3628/	30	30/ 48
75	28/	4218/	2736/	3930/	3830/	3925/	4133/	4018/	2912/	3229/	2634/	2630/	37	12/ 52
76	32/	2731/	3929/	3830/	4235/	2527/	3039/	4021/	3111/	3810/	2531/	2728/	36	30/ 42
77	28/	3330/	3131/	3829/	3830/	3727/	4321/	3220/	2833/	2832/	2512/	3328/	48	28/ 47
78	27/	4030/	2929/	3127/	3229/	3123/	2834/	4011/	3331/	1929/	1920/	2729/	27	27/ 40
MEAN														
S D														
TOTAL OBS.														

NOTES • (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM 0-88.5 (OLI)

S (BASED ON LESS THAN FULL MONTHS AND 100 KNOTS)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURS (LST)
	CONDITION		

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
		CLASS	HOURS (L & T)
	CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 636

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	1965 MONTH
CLASS			NOV - 1965
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												4.7	4.6
NNE												4.7	4.4
NE												4.7	4.1
ENE												4.7	3.9
E												4.7	4.1
ESE												4.7	3.8
SE												4.7	3.7
SSE												4.7	3.7
S												4.7	3.1
SSW												4.7	4.7
SW												4.7	2.7
WSW												4.7	3.9
W												4.7	4.3
WNW												4.7	5.2
NW												4.7	4.5
NNW												4.7	4.1
VARBL												4.7	
CALM												4.7	

TOTAL NUMBER OF OBSERVATIONS 432

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURS (L & T)
	CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												1.1	4.1
NNE												1.1	4.1
NE												1.1	4.1
ENE												1.1	4.1
E												1.1	4.1
ESE												1.1	4.1
SE												1.1	4.1
SSE												1.1	4.1
S												1.1	4.1
SSW												1.1	4.1
SW												1.1	4.1
WSW												1.1	4.1
W												1.1	4.1
WNW												1.1	4.1
NW												1.1	4.1
NNW												1.1	4.1
VARBL												1.1	4.1
CALM												1.1	4.1

TOTAL NUMBER OF OBSERVATIONS 32

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L E T)	
CONDITION			

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	PLANT NORTH
CLASS		HOURS (L & T)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
CLASS		HOURS (L & T)	
CONDITION			

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 76

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURLY	
CONDITION			

SPEED KNTS D.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS - L E T	
CONDITION			

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
CLASS		HOUSE (L B T)	
CONDITION			

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (LST)	
CONDITION			

SPEED KNTS D.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 753

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
		CLASS	HOURLS (L & T)
		CONDITION	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
	CLASS		HOURLS (LST)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 752

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MOUTH
CLASS		NUMBER (L & T)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 75

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS			HOURS (LST)
CONDITION			

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
	CLASS		HOURS (L S T)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 61

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURLY (LST)	
CONDITION			

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
CLASS _____ HOURS (L & T) _____
CONDITION _____

SPEED KNTS D/R	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	TEARS	MONTH
CLASS		HOUSE	
CONDITION			

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	YEARS	MONTH
CLASS		MOON	
CONDITION			

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 14	15 - 18	19 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N														
NNE														
NE														
ENE														
E														
ESE														
SE														
SSE														7
S														7
SSW														
SW														
WSW														
W														
WNW														
NW														
NNW														
VARBL														
CALM														

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
		CLASS	HOURS - LST
CONDITION			

SPEED KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
ESE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED KNOTS D.R.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NO. _____ STATION NAME _____ YEARS _____ MONTH _____
CLASS _____ NO. OF OBS. _____
CONDITION _____

SPEED KNOTS DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L & T)	
CONDITION			

SPEED KNTS DIR.	1 - 3	4 - 6	7 - 10	11 - 14	15 - 17	18 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N														
NNE														
NE														
ENE														
E														
ESE														
SE														
SSE														
S														
SSW														
SW														
WSW														
W														
WNW														
NW														
NNW														
VARBL														
CALM														

TOTAL NUMBER OF OBSERVATIONS 36

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURLY

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (LST)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
	CLASS		HOURS (LST)
	CONDITION		

SPEED KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.7	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L S Y)	
CONDITION			

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ NORTH _____
CLASS _____ HOURS (LST) _____
CONDITION _____

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L & T)	
CONDITION			

SPEED KNTS. D.R.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____ HOURS (L.S.T.) _____
 CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NO.	STATION NAME	YEARS	MONTH
	CLASS		HOURLS (L.S.T.)
	CONDITION		

SPEED (KNTS): DIR	1 - 3	4 - 6	7 - 10	11 - 14	15 - 17	18 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N														
NNE														
NE														
NNE														
E														
ESE														
SE														
SSE														
S														
SSW														
SW														
WSW														
W														
WNW														
NW														
NNW														
VABBL														
CALM														

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
CLASS _____ HOURS (LST) _____
CONDITION _____

SPEED KNOTS D.R.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ NORTH _____
CLASS _____ HOURS (LST) _____
CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 14	15 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
CLASS _____ NO. OF YEARS _____
CONDITION _____

SPEED KNOTS OR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

REMARKS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ NORTH _____

CLASS _____ HOURS PER YEAR _____

CONDITION _____

SPEED KNOTS C.R.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NF													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
CLASS _____ HOURS L.S.T. _____
CONDITION _____

SPEED KNTS. D.R.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS - L S T	
CONDITION			

SPEED KNTS- DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L S T)	
CONDITION			

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS - L S T	
CONDITION			

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		NOV 68 (L S T)	
CONDITION			

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
CLASS		HOUSE (L & T)	
CONDITION			

SPEED KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS: L S T	
CONDITION			

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS	
CONDITION			

SPEED KTS D.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____ HOURS _____
 CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
CLASS _____ HOURS _____
OBSERVATION _____

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____ HOURS _____
 CONDITION _____

SPEED KNTS DIR	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

DATA FROM _____
 (NAME OF STATION AND DATE OF OBSERVATION)

AD-A128 114 FORT BENNING GEORGIA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. SEP 82
UNCLASSIFIED USAFETAC/DS-82/064 SBI-AD-E850 363 F/G 4/2

FORT BENNING GEORGIA REVISED UNIFORM SUMMARY OF SURFACE
 WEATHER OBSERVATI..(U) AIR FORCE ENVIRONMENTAL
 TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 82
 USAFETAC/DS-82/064 SBI-AD-E850 363 F/G 4/2

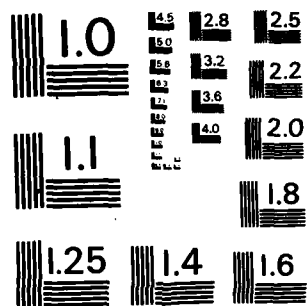
215

UNCLASSIFIED

USAFETAC/DS-82/064 SBI-AD-E850 363

F/G 4/2

NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2 STATION NAME 77-81 YEARS JULY
ALL WEATHER CLASS 10-2300
 CONDITION HOURLY (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												2.2	5.1
NNE												7	4.3
NE												4	7.2
ENE												1.4	3.5
E												4.5	3.1
ESE												1.5	3.3
SE												4.3	3.1
SSE												2.3	2.2
S												2.5	2.9
SSW												1.5	3.4
SW												1.2	2.9
WSW												1.9	3.1
W												7	2.2
WNW												1.6	2.6
NW												1.6	2.8
NNW												1.9	4.9
VARBL													
CALM												7.0	
												100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 809

1. DATE 01-01-1971
 2. TIME 10:00
 3. LOCATION 35-VII / 100

STATION	STATION NAME	YEARS	DIRECTION
	ALL WEATHER		ALL
	CLASS		HOURS (L S T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	14 56	%	MEAN WIND SPEED
N	.	1.	2.	1.								4.4	4.4
NNE	.											2.1	4.
NE	.	.	2.	2.								1.5	4.
ENE	.	.	2.	.								2.7	4.7
E	.	1.	2.	2.								3.3	4.3
ESE	.	2.	2.	2.								2.1	4.7
SE	.	1.	2.	2.								3.3	3.0
SSE	2.	.	2.									2.4	3.1
S	.	1.	2.	.	.							4.3	3.4
SSW	1.7	.	2.	1.								2.7	4.3
SW	1.7	2.	2.	2.								2.0	4.3
WSW	1.7	1.	2.	.								2.1	3.7
W	.	1.5	1.	1.			.					3.3	4.3
WNW	1.	1.5	2.	1.								4.2	4.2
NW	1.	1.5	2.	.								3.2	4.2
NNW	1.5	1.7	2.	1.								3.5	4.5
VARBL													
CALM												47.4	
	5.7	13.	7.5	2.	2.		11					111.7	2.1

TOTAL NUMBER OF OBSERVATIONS 6447

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURE (L.S.T.)
	CONDITION		

[illegible]TOTAL NUMBER OF OBSERVATIONS 836

ALBUQUERQUE BRANCH
 15140
 40101474 N. SERVICE 7/40

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2 STATION NAME 75-01 YEARS JUL
ALL WEATHER MONTHS (L & S) 8-10-11
 CLASS CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												1.6	2.5
NNE												1.5	2.5
NE												1.6	2.9
ENE												1.6	2.5
E			1.7									2.6	3.0
ESE		1.7										3.2	2.9
SE	1.4		1.1									4.3	2.6
SSE			1.2									1.8	2.5
S		1.1	1.2									1.4	3.1
SSW	1.1											1.1	2.1
SW												1.0	2.0
WSW												1.7	2.7
W			1.1									2.2	2.6
WNW												2.4	2.1
NW												1.1	2.3
NNW												1.1	2.0
VARBL													
CALM												2.2	
			1.7									1.0	2.8

TOTAL NUMBER OF OBSERVATIONS 835

NAME OF STATION
 LOCATION
 DATE OF SERVICE

**PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)**

SURFACE WINDS

STATION 2 STATION NAME 77-81 YEARS JUL
 CLASS ALL WEATHER MONTH 900-1100
 CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.1									.7	3.5
NNE		.1										.1	2.0
NE	.2		.1									.9	3.0
ENE	.1	.1	.1									.8	3.7
E		.1	.1									.9	3.5
ESE		.1	.1									.1	3.9
SE	.1	.2	.1	.2								.6	4.1
SSE		.1	.1									.5	3.5
S		.1	.1									.6	3.7
SSW		.1	.1									.7	2.9
SW	.1	.1	.1									.1	2.9
WSW		.1	.1	.1								.1	3.2
W		.1	.1									.0	3.3
WNW	.1	.1	.1									.2	3.5
NW		.1	.1	.1								.8	3.7
NNW		.1	.1									.9	3.4
VARBL													
CALM												23.0	
	.4	.2	.9	.5								10.0	2.7

TOTAL NUMBER OF OBSERVATIONS 836

ALBUQUERQUE, N.M.
 TAC
 SERVICE AREA

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ALBUQUERQUE, N.M. STATION NAME 77-81 YEARS 1977-1978 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 1700-1400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												5.1	4.1
NNE												2.2	3.5
NE												2.2	3.0
ENE												2.8	3.6
E												5.9	4.1
ESE												4.8	4.3
SE												6.0	4.5
SSE												4.9	5.2
S												7.0	3.7
SSW												3.2	4.2
SW												4.7	3.7
WSW												3.1	3.7
W												13.3	4.4
WNW												7.7	4.3
NW												3.0	4.2
NNW												5.7	4.6
VARBL													
CALM												3.5	
		37.7	12.7	1.6								1.0	3.9

TOTAL NUMBER OF OBSERVATIONS 832

ADVISORY BOARD
TAG
STATION NAME

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2 STATION NAME 72-51 YEARS 1941
 CLASS ALL WEATHER MONTH 5-17
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	1.0	1.0								2.1	4.0
NNE		1.0	1.0	1.0								2.3	4.1
NE		1.0	1.0	1.0								2.5	4.3
ENE		1.0	1.0	1.0								2.5	5.0
E		2.0	1.0	1.0	1.0							3.0	4.5
ESE		1.0	1.0	1.0	1.0	1.0						3.8	4.9
SE			1.0	1.0	1.0	1.0						4.0	4.9
SSE			1.0	1.0	1.0	1.0						4.5	5.3
S			1.0	1.0	1.0	1.0						4.8	4.0
SSW			1.0	1.0	1.0	1.0						4.1	4.5
SW			1.0	1.0	1.0	1.0						4.2	3.7
WSW			1.0	1.0	1.0	1.0						7.4	4.0
W			1.0	1.0	1.0	1.0						12.6	4.1
WNW			1.0	1.0	1.0	1.0						2.4	5.5
NW			1.0	1.0	1.0	1.0						4.1	5.4
NNW			1.0	1.0	1.0	1.0						4.5	4.4
VARBL													
CALM												5.7	
		2.0	2.0	2.0	2.0	2.0						10.0	4.2

TOTAL NUMBER OF OBSERVATIONS 836

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible]

STATION

STATION NAME

YEARS

ALL - ATHS
CLASS

NOV 22 1971

CONDITION

[illegible]**TOTAL NUMBER OF OBSERVATIONS**

835

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	ELLATHOS		1-12-1961
	CLASS		HOURLY (L & T)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	> 56	%	MEAN WIND SPEED
N												0.4	0.3
NNE												0.4	0.3
NE												0.4	0.3
ENE												0.1	0.4
E												0.2	0.1
ESE												0.2	0.1
SE												0.4	0.1
SSE												0.4	0.3
S												0.4	0.3
SSW												0.4	0.3
SW												0.4	0.3
WSW												0.4	0.3
W												0.4	0.3
WNW												0.7	0.7
NW												0.6	0.2
NNW												0.2	0.0
VARBL													
CALM												0.0	

TOTAL NUMBER OF OBSERVATIONS 073

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		ALL
	CONDITION		HOURLS (L & T)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 1571

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (LST)	
CONDITION			

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 27

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ NORTH _____
 CLASS _____ HOURS (L & T) _____
 CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.										2.3	
NNE	.	.										2.3	
NE	.	.										2.3	
ENE	.	.										2.3	
E	.	.										2.3	
ESE	.	.										2.3	
SE	.	.										2.3	
SSE	.	.										2.3	
S	.	.										2.3	
SSW	.	.										2.3	
SW	.	.										2.3	
WSW	.	.										2.3	
W	.	.										2.3	
WNW	.	.										2.3	
NW	.	.										2.3	
NNW	.	.										2.3	
VARBL	.	.										2.3	
CALM												2.3	

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	DATE
	ALL-STATE		8-1-78
	CLASS		HOURLY (L & T)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												0.3	2.0
NNE												1.1	2.0
NE												0.6	3.4
ENE												0.4	3.4
E												0.3	2.0
ESE												0.6	2.1
SE												0.3	2.1
SSE												0.3	2.7
S												0.2	2.4
SSW												0.5	2.3
SW												0.0	2.3
WSW												0.0	2.3
W												1.3	2.5
WNW												0.7	1.5
NW												0.6	2.0
NNW												1.1	2.7
VARBL													
CALM												76.0	

TOTAL NUMBER OF OBSERVATIONS 436

1. PACIFIC OCEAN STATION
2. TAC
3. DATE OF OBSERVATION

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	YEARS	ALC MONTH
ALL WEATHER			9-10-11 HOURS (LST)
CLASS			
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												3.1	3.1
NNE												3.7	3.7
NE												4.5	4.5
ENE												5.2	5.2
E												6.0	6.0
ESE												6.9	6.9
SE												7.7	7.7
SSE												8.6	8.6
S												9.5	9.5
SSW												10.4	10.4
SW												11.3	11.3
WSW												12.2	12.2
W												13.1	13.1
WNW												14.0	14.0
NW												14.9	14.9
NNW												15.8	15.8
VARBL												16.7	16.7
CALM												17.6	17.6

TOTAL NUMBER OF OBSERVATIONS 573

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2 STATION NAME 7-51 YEARS 1951 MONTH ALL

ALL CLASS 17-14

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												4.3	4.1
NNE												3.2	3.7
NE												1.4	2.2
ENE												3.1	3.3
E												3.1	4.5
ESE												3.5	4.4
SE												4.9	3.6
SSE												3.2	4.0
S												3.6	3.5
SSW												4.2	3.1
SW												4.7	3.3
WSW												4.4	3.3
W												3.3	3.5
WNW												3.1	4.3
NW												3.2	3.7
NNW												3.5	4.0
VARBL													
CALM												10.3	

TOTAL NUMBER OF OBSERVATIONS 634

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible]

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUL 64

1. NAME OF STATION
2. LOCATION
3. DATE OF OBSERVATION

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: ALL WEATHER YEAR: 1961 MONTH: ALL
CLASS: ALL WEATHER MONTH: ALL
CONDITION: ALL WEATHER MONTH: ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												2.7	3.9
NNE												2.6	3.9
NE												2.6	4.6
ENE												2.2	2.2
E												1.2	4.3
ESE												1.2	3.7
SE												1.7	4.2
SSE												1.3	3.5
S												4.3	3.4
SSW												2.4	4.5
SW												2.2	2.9
WSW												1.2	2.4
W												1.3	2.6
WNW												1.6	3.3
NW												2.3	2.9
NNW												1.0	4.5
VARBL													
CALM												4.7	

TOTAL NUMBER OF OBSERVATIONS 432

1. ALBUQUERQUE STATION
2. FAD
3. STATION - DE VICT/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ALBUQUERQUE STATION NAME ALBUQUERQUE YEARS 1950-1951 MONTHS ALL
CLASS ALL WEATHER HOURS (LST) 1-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1									1.1	3.7
NNE												1.1	3.7
NE			1									1.1	3.7
ENE												1.4	4.1
E			1	1								1.2	3.5
ESE												1.7	2.9
SE												1.0	2.5
SSE												1.3	2.5
S												1.5	3.4
SSW												1.2	3.7
SW												1.5	2.0
WSW												1.4	1.3
W			1									1.0	3.1
WNW					1							1.1	3.2
NW												1.1	2.5
NNW												1.1	2.6
VARBL													
CALM												7.9	

TOTAL NUMBER OF OBSERVATIONS 624

1. NAME OF STATION
2. LOCATION
3. DATE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2 STATION NAME 17-61 YEARS ALL
 CLASS ALL WEATHER HOURS (L Y T) ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	IV 56	%	MEAN WIND SPEED
N								2.3	3.6
NNE								1.8	3.7
NE								1.5	4.0
ENE								1	4.0
E								2.4	4.2
ESE								3.9	3.5
SE							3.6	3.3
SSE								3.5	3.4
S								3.3	3.4
SSW								2.4	3.4
SW								2.5	3.5
WSW								1	2.9
W								3.2	3.1
WNW							2.8	3.5
NW								1.8	3.4
NNW								2.2	3.9
VARBL													
CALM												4.4	
													1.6

TOTAL NUMBER OF OBSERVATIONS 1000

1. NAME OF STATION
2. LOCATION
3. DATE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2 STATION NAME ALL KATHES YEARS 1951-52 C.D. NORTH

CLASS ALL KATHES

CONDITION

MOON

HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												1.0	3.0
NNE			1									1.0	3.6
NE												1.0	3.4
ENE		1	1									2.0	3.4
E		1	1									2.0	4.1
ESE		1	1	1								3.0	3.1
SE		1	1									2.0	2.3
SSE		1	1									2.0	3.1
S		1	1									2.0	4.0
SSW		1	1									2.0	3.0
SW		1	1									2.0	4.3
WSW		1	1									2.0	3.5
W		1	1									2.0	5.0
WNW		1	1									2.0	1.7
NW		1	1									2.0	1.9
NNW		1	1									2.0	3.5
VARBL													
CALM												77.2	

TOTAL NUMBER OF OBSERVATIONS 603

U.S. AIR FORCE
STATION
AIR FORCE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2 STATION NAME ATP YEARS 1951 MONTH 11

ALL CLAS 11-15

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												0.0	4.0
NNE												0.0	2.0
NE												0.0	2.0
ENE												0.0	4.0
E												0.0	4.0
ESE												0.0	4.0
SE												0.0	2.0
SSE												0.0	3.0
S												0.0	3.0
SSW												0.0	3.0
SW												0.0	2.0
WSW												0.0	2.0
W												0.0	2.0
WNW												0.0	2.0
NW												0.0	2.0
NNW												0.0	2.0
VARBL												0.0	0.0
CALM												0.7	0.0

TOTAL NUMBER OF OBSERVATIONS 817

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	ALL PATH		
	CLASS		NOV 1964
	CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													1.1
NNE													1.1
NE													1.1
ENE													4.1
E													1.1
ESE													1.1
SE													1.1
SSE													1.1
S													1.1
SSW													1.1
SW													1.1
WSW													1.1
W													1.1
WNW													1.1
NW													1.1
NNW													1.1
VARBL													1.1
CALM													1.1

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	CITY
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												7.5	3.3
NNE													4.0
NE													4.7
ENE													4.6
E													4.3
ESE													4.7
SE													3.7
SSE													4.1
S													3.5
SSW													2.3
SW													2.2
WSW													2.3
W													2.5
WNW													4.0
NW													5.2
NNW													3.4
VARBL													
CALM												7.4	

TOTAL NUMBER OF OBSERVATIONS 805

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L S T)	
CONDITION			

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS - LST	
CONDITION			

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
		CLASS	HOURS (LST)
CONDITION			

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L & T)	
CONDITION			

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 807

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURS (LST)
	CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLAS		HOURS (LST)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 673

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													3.3
NNE													2.3
NE													4.2
ENE													3.4
E													3.7
ESE													3.4
SE													3.4
SSE													4.2
S													2.3
SSW													4.2
SW													4.3
WSW													3.7
W													3.4
WNW													3.4
NW													3.3
NNW													4.3
VARBL													4.3
CALM													7.2

TOTAL NUMBER OF OBSERVATIONS 23

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURS (LST)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURE (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L & T)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												0.0	5.3
NNE												0.4	4.4
NE												0.0	5.0
ENE												0.1	5.0
E												0.1	5.0
ESE												0.2	5.0
SE												0.0	6.0
SSE												0.0	5.0
S												0.7	4.0
SSW												0.7	3.7
SW												0.3	5.0
WSW												0.4	5.3
W												0.4	5.0
WNW												0.0	6.0
NW												0.4	6.0
NNW												0.9	6.0
VARBL												11.0	
CALM													

TOTAL NUMBER OF OBSERVATIONS 530

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURS (LST)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 034

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		MOUSE (L S T)
	CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 534

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS IN DAY	
CONDITION			

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED KNTS D.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (LST)	
CONDITION			

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 14	15 - 17	18 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N														
NNE														
NE														
ENE														
E														
ESE														
SE														
SSE														
S														
SSW														
SW														
WSW														
W														
WNW														
NW														
NNW														
VARBL														
CALM														

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (LST)	
CONDITION			

SPEED KNOTS D.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	15 - 17	18 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N														
NNE														
NE														
ENE														
E														
ESE														
SE														
SSE														
S														
SSW														
SW														
WSW														
W														
WNW														
NW														
NNW														
VARBL														
CALM														

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
N E													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	BORTH
	CLASS		HOURS (LST)
	CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NO. _____ STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____ HOURS (L.S.T.) _____
 CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTHS
	CLASS		HOURS (LST)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURS (LST)
	CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURE (LST)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
		CLASS	HOURS (LST)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L B T)	
CONDITION			

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L E T)	
CONDITION			

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (LST)	
CONDITION			

SPEED KNTS D.R	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
CLASS _____ HOURS (LST) _____
CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 14	15 - 17	18 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N														
NNE														
NE														
ENE														
E														
ESE														
SE														
SSE														
S														
SSW														
SW														
WSW														
W														
WNW														
NW														
NNW														
VARBL														
CALM														

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED KNTS DIR	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
N													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (LST)	
CONDITION			

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED KNTS: DIR.	1 - 3	4 - 6	7 - 10	11 - 14	15 - 17	18 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N														
NNE														
NE														
ENE														
E														
ESE														
SE														
SSE														
S														
SSW														
SW														
WSW														
W														
WNW														
NW														
NNW														
VARBL														
CALM														

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (LST)	
CONDITION			

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
NNE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 7489

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURLY
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEAR	MONTH
CLASS		HOURS (L & T)	
CONDITION			

SPEED 'KNTS' DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATION CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier periods and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 5/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100																
0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:

Visibility ≥ 3 miles = 95.4%.

Visibility ≥ 2 miles = 96.9%.

Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

The low counts in column ≥ 10 results from local reporting procedures i.e., rarely does the observation contain visibilities greater than 7 miles even though visibilities ≥ 7 miles are quite common. Therefore, these low counts in the ≥ 10 column have little statistical significance and should not be used.

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE			
(FROM HOURLY OBSERVATIONS)			HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.1	≥ 0.2	≥ 0.3	≥ 0.4	≥ 0.5	≥ 0.6	≥ 0.7	≥ 0.8	≥ 0.9	≥ 1.0	≥ 1.2	≥ 1.5	≥ 2.0	≥ 2.5	≥ 3.0
≥ 2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION	STATION NAME	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)																MONTH
		V.S.B., IN STATUTE MILES																HOURS [L S T]
FEET		≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ .75	≥ .50	≥ .25	≥ .125	≥ .0625	≥ .03125		

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2
500																
400																
300																
200																
100																
50																
20																
10																
5																
2																
1																
0																
500																
400																
300																
200																
100																
50																
20																
10																
5																
2																
1																
0																
500																
400																
300																
200																
100																
50																
20																
10																
5																
2																
1																
0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH													
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)																
VISIBILITY - STATUTE MILES																
	2.5	2.0	1.5	1.0	0.75	0.5	0.25	0.1	0.05	0.025	0.01	0.005	0.0025	0.001	0.0005	0.00025
1.0																
0.75																
0.5																
0.25																
0.1																
0.05																
0.025																
0.01																
0.005																
0.0025																
0.001																
0.0005																
0.00025																
TOTAL NUMBER OF OBSERVATIONS																

CEILING VERSUS VISIBILITY

STATION	STATION NAME	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	YEARS	MONTH	HOURS (L & Y)																						
VISIBILITY - STATUTE MILES																											
		2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURE (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 1	≥ 6	≥ 1	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
≥ 1000
900
800
700
600
500
400
300
200
100
50
25
10
5
2
1
0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
≥ 10000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 8000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 6000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 4000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ .75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ .5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ .25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ .1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ .05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ .01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) _____
 HOURS (L.S.T.) _____

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
≥ 20000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 18000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 16000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 14000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 12000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 10000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 8000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 6000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 4000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 3000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS _____ 4

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH													
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)																
VISIBILITY STATUTE MILES																
FEET	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL NUMBER OF OBSERVATIONS																

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) HOURS (L.S.T.) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512	≥ 1/1024	≥ 1/2048
≥ 1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
900	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
700	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
300	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
90	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
60	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
30	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS (L & Y) _____

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) HOURS (L.S.T.) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2.0	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY - STATUTE MILES															
	0	20	21	24	25	26	27	28	29	30	31	32	33	34	35	36
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	20	20	21	24	21	204	21	20	204	21	24	204	21	25	20	21
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																
1000																
900																
800																
700																
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200																
100																
0																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION	STATION NAME	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	YEARS	MONTH																																																																																															
ABSOLUTE STATUTE MILES																																																																																																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS 1-24

CEILING FEET	VISIBILITY STATUTE MILES															
	2.5	2.0	1.5	1.0	0.75	0.5	0.25	0.1	0.05	0.025	0.01	0.005	0.0025	0.001	0.0005	0.0001
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
50																
25																
10																
5																
2																
1																
0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) HOURS (L.S.T.) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2.0	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2
1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
900	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
700	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
300	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
900	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
700	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
300	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
900	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
700	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
300	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH													
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)																
HOURS (LST)																
V.S.B. IN STATUTE MILES																
CEILING FEET	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
900	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
700	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
300	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15
1000
900
800
700
600
500
400
300
200
100
0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)			HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 7	26	25	24	23	22	21	≥ 19	20	19	18	17	16	15	14	13
≥ 2500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
≥ 1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 900	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 700	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 300	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS (L.S.Y.) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32
≥ 1000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 900	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 800	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 700	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 600	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 500	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 400	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 50	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 25	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 15	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 2½	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1½	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1¼	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ ¾	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ ½	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ ¼	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1/8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1/16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1/32	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) HOURS (L.S.T.) _____

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
≥ 1000
≥ 900
≥ 800
≥ 700
≥ 600
≥ 500
≥ 400
≥ 300
≥ 200
≥ 100
≥ 50
≥ 20
≥ 10
≥ 5
≥ 2
≥ 1
≥ .5
≥ .25
≥ .1
≥ .05
≥ .01
≥ 0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
≥ 10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) HOURS (CST)

CEILING FEET	VISIBILITY STATUTE MILES															
	1	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)			
USBLT STATUTE MILES			
	25	24	23
1	22	21	20
2	19	18	17
3	16	15	14
4	13	12	11
5	10	9	8
6	7	6	5
7	4	3	2
8	1	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	0	0	0
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	0
68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	0	0	0
99	0	0	0
100	0	0	0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 (FROM HOURLY OBSERVATIONS) RECORD NO. 877

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) HOURS (L & F)

	VISIBILITY (STATUTE MILES)															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

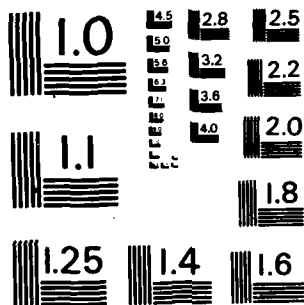
AD-A128 114

FORT BENNING GEORGIA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATI.. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 82
UNCLASSIFIED USAFETAC/DS-82/064 SBI-AD-E850 363

F/G 4/2

NL

3/5



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 7-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	74.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 16000	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 14000	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 10000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 5000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1200	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 700	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 600	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 400	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 300	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 200	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 100	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1

TOTAL NUMBER OF OBSERVATIONS

861

ARMY AIR FORCE
 AIRCRAFT
 AIRCRAFT SERVICE AREA

CEILING VERSUS VISIBILITY

102

STATION NAME

75-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1100-2300
 HOURS (L.M.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥1/16
NO CEILING	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥20000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥18000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥16000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥14000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥12000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥10000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥9000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥8000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥7000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥6000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥5000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥4500	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥4000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥3500	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥3000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥2500	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥2000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥1800	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥1500	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥1200	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥1000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥900	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥800	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥700	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥600	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 303

U.S. AIR FORCE
 U.S. AIR FORCE
 AIR FORCE SERVICE

CEILING VERSUS VISIBILITY

STATION NAME

73-51

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING	55.7	57.1	57.9	58.8	59.0	59.3	59.5	59.6	59.8	59.9	59.9	60.2	60.7	60.4	60.7	60.7
≥ 20000	65.7	66.4	67.7	68.7	68.9	69.3	69.5	69.6	69.9	70.0	70.3	70.4	70.7	70.8	70.8	70.8
≥ 18000	65.9	67.1	68.0	69.0	69.2	69.5	69.8	69.8	70.1	70.2	70.2	70.5	70.5	70.7	70.7	70.7
≥ 16000	66.1	67.7	68.2	69.2	69.4	69.7	70.0	70.0	70.3	70.4	70.4	70.7	70.7	70.8	70.8	70.8
≥ 14000	66.7	68.1	68.9	69.9	70.1	70.4	70.7	70.7	71.0	71.1	71.1	71.4	71.4	71.6	71.6	71.6
≥ 12000	68.1	69.4	70.3	71.3	71.5	71.8	72.1	72.1	72.4	72.5	72.5	72.8	72.8	73.0	73.0	73.0
≥ 10000	71.2	72.6	73.6	74.6	74.8	75.1	75.4	75.5	75.8	75.9	75.9	76.2	76.2	76.3	76.3	76.3
≥ 9000	72.1	73.4	74.4	75.4	75.6	76.0	76.3	76.3	76.6	76.7	76.7	77.0	77.0	77.1	77.1	77.1
≥ 8000	73.3	75.4	76.4	77.4	77.6	78.0	78.3	78.3	78.6	78.7	78.7	79.0	79.0	79.1	79.1	79.1
≥ 7000	74.8	76.3	77.3	78.4	78.6	79.0	79.3	79.3	79.6	79.7	79.7	80.0	80.0	80.2	80.2	80.2
≥ 6000	75.8	77.4	78.4	79.5	79.7	80.1	80.4	80.4	80.7	80.7	80.7	81.1	81.1	81.3	81.3	81.3
≥ 5000	77.6	79.3	80.3	81.5	81.7	82.1	82.4	82.5	82.7	82.9	82.9	83.1	83.2	83.3	83.3	83.3
≥ 4500	78.7	80.3	81.4	82.6	82.8	83.2	83.5	83.6	83.9	84.0	84.0	84.3	84.3	84.4	84.4	84.4
≥ 4000	80.6	82.3	83.4	84.7	85.0	85.5	85.8	85.9	86.2	86.3	86.3	86.6	86.6	86.8	86.8	86.8
≥ 3500	81.6	83.3	84.5	85.9	86.2	86.7	87.1	87.1	87.4	87.6	87.6	87.9	87.9	88.0	88.0	88.0
≥ 3000	83.2	85.1	86.3	87.7	88.0	88.5	88.9	89.0	89.3	89.4	89.4	89.7	89.7	89.8	89.8	89.8
≥ 2500	84.2	86.1	87.5	89.0	89.3	89.9	90.3	90.4	90.7	90.8	90.8	91.1	91.2	91.3	91.3	91.3
≥ 2000	85.4	87.5	89.0	90.6	90.9	91.6	92.0	92.1	92.4	92.5	92.5	92.8	92.9	93.0	93.0	93.0
≥ 1800	86.6	88.7	89.3	91.0	91.3	92.0	92.4	92.5	92.8	92.9	92.9	93.2	93.2	93.4	93.4	93.4
≥ 1600	86.3	88.7	90.3	92.1	92.4	93.1	93.6	93.7	94.0	94.1	94.1	94.4	94.5	94.6	94.6	94.6
≥ 1400	87.2	89.6	91.4	93.4	93.7	94.6	95.1	95.1	95.4	95.6	95.6	95.9	95.9	96.1	96.1	96.1
≥ 1200	87.5	90.2	91.8	93.8	94.2	95.0	95.5	95.6	95.9	96.1	96.1	96.4	96.4	96.6	96.6	96.6
≥ 1000	87.7	90.4	92.2	94.3	94.6	95.5	96.1	96.1	96.5	96.6	96.6	96.9	97.0	97.1	97.1	97.1
≥ 900	87.9	90.6	92.4	94.6	95.0	95.9	96.5	96.5	96.9	97.0	97.0	97.3	97.3	97.5	97.5	97.5
≥ 800	88.1	91.0	92.9	95.1	95.5	96.6	97.2	97.3	97.7	97.8	97.8	98.1	98.1	98.3	98.3	98.3
≥ 700	88.1	91.1	93.0	95.3	95.8	96.9	97.7	97.7	98.2	98.3	98.3	98.6	98.6	98.8	98.8	98.8
≥ 600	88.3	91.3	93.2	95.4	95.9	97.1	97.8	97.9	98.4	98.6	98.6	98.9	98.9	99.1	99.1	99.1
≥ 500	88.3	91.3	93.2	95.4	95.9	97.1	97.8	97.9	98.4	98.6	98.6	98.9	98.9	99.1	99.1	99.1
≥ 400	88.3	91.3	93.2	95.4	95.9	97.1	97.8	97.9	98.4	98.6	98.6	98.9	98.9	99.1	99.1	99.1
≥ 300	88.3	91.3	93.2	95.4	95.9	97.1	97.8	97.9	98.4	98.6	98.6	98.9	98.9	99.1	99.1	99.1
≥ 200	88.3	91.3	93.2	95.4	95.9	97.1	97.8	97.9	98.4	98.6	98.6	98.9	98.9	99.1	99.1	99.1
≥ 100	88.3	91.3	93.2	95.4	95.9	97.1	97.8	97.9	98.4	98.6	98.6	98.9	98.9	99.1	99.1	99.1
≥ 0	88.3	91.3	93.2	95.4	95.9	97.1	97.8	97.9	98.4	98.6	98.6	98.9	98.9	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 6438

OFFICIAL METEOROLOGICAL STATION
 USAF ETAC
 A. CATHY SERVICE / AC

CEILING VERSUS VISIBILITY

STATION 12 STATION NAME ST. ANTONIO, TX YEARS 75-81 MONTH MAY
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) MONTH 030-1200
 HOURS (L&T)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	54.1	57.7	60.8	62.7	62.7	63.9	64.7	64.8	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.5
≥ 20000	54.3	61.1	65.2	67.1	67.3	68.4	69.3	69.4	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.1
≥ 18000	55.8	67.3	65.4	67.3	67.6	68.7	69.5	69.6	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.4
≥ 16000	58.7	67.3	65.5	67.5	67.7	68.8	69.6	69.9	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.5
≥ 14000	59.8	68.3	66.7	68.8	69.3	70.1	71.0	71.1	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.9
≥ 12000	61.3	68.1	68.3	70.4	71.6	71.7	72.5	72.7	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.6
≥ 10000	65.0	71.4	73.9	76.7	76.3	77.3	78.2	78.3	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.3
≥ 9000	56.9	71.4	74.1	76.3	76.5	77.6	78.4	78.6	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.5
≥ 8000	62.7	73.4	76.4	78.6	78.8	79.9	80.7	80.8	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.8
≥ 7000	71.1	74.1	77.6	79.8	80.0	81.1	81.9	82.0	82.7	82.9	82.9	82.9	82.9	82.9	82.9	83.1
≥ 6000	71.7	74.8	78.2	80.4	80.6	81.7	82.5	82.7	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.6
≥ 5000	72.5	76.5	80.1	82.4	82.7	84.0	84.6	84.9	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.9
≥ 4500	73.3	77.4	81.1	83.6	83.9	85.4	86.3	86.4	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.3
≥ 4000	75.3	79.3	82.9	85.4	85.7	87.2	88.1	88.2	88.9	89.0	89.0	89.0	89.2	89.2	89.2	89.3
≥ 3500	76.1	81.2	83.9	86.4	86.6	88.2	89.0	89.2	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.2
≥ 3000	77.3	81.9	85.7	88.2	88.4	90.0	90.8	91.0	91.7	91.8	91.8	91.8	91.9	91.9	91.9	92.0
≥ 2500	78.9	83.4	87.1	89.6	89.9	91.4	92.3	92.4	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.5
≥ 2000	79.8	84.3	88.1	90.6	90.8	92.4	93.3	93.4	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.5
≥ 1800	79.9	84.4	88.2	90.7	91.0	92.5	93.4	93.5	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.6
≥ 1500	80.3	84.8	89.3	91.8	92.0	93.6	94.5	94.6	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.7
≥ 1200	82.2	86.7	91.0	93.6	93.9	95.4	96.3	96.4	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.5
≥ 1000	82.3	86.8	91.2	94.7	94.2	95.8	96.6	96.7	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.8
≥ 900	82.7	87.1	91.6	94.1	94.6	96.3	97.1	97.2	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.3
≥ 800	82.9	87.5	91.9	94.7	94.9	96.6	97.5	97.6	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.7
≥ 700	83.1	87.6	92.0	94.8	95.1	96.7	97.6	97.7	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.8
≥ 600	83.1	87.7	92.2	94.9	95.2	97.0	97.8	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0
≥ 500	83.4	88.1	92.4	95.2	95.4	97.2	98.1	98.2	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.3
≥ 400	83.3	88.4	92.9	95.7	95.9	97.7	98.6	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.8
≥ 300	83.9	88.4	92.9	95.7	95.9	97.7	98.7	98.8	99.5	99.6	99.6	99.6	99.8	99.8	99.9	100.0
≥ 200	83.9	88.4	92.9	95.7	95.9	97.7	98.7	98.8	99.5	99.6	99.6	99.6	99.8	99.8	99.9	100.0
≥ 100	83.9	88.4	92.9	95.7	95.9	97.7	98.7	98.8	99.5	99.6	99.6	99.6	99.8	99.8	99.9	100.0
≥ 0	83.9	88.4	92.9	95.7	95.9	97.7	98.7	98.8	99.5	99.6	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 831

U.S. AIR FORCE CLIMATE CENTER
 1. METAC
 A. METAC SERVICE AREA

CEILING VERSUS VISIBILITY

22

STATION NAME

73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73-81
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	5.3	37.8	41.1	45.2	49.7	50.2	53.0	55.0	55.2	56.5	57.1	57.2	58.1	58.6	59.3	60.7
≥ 20000	5.3	42.8	45.3	51.9	55.4	55.9	58.6	60.7	60.9	62.2	62.5	63.0	63.9	64.4	65.1	65.7
≥ 18000	5.3	42.8	45.3	51.9	55.4	55.9	58.6	60.7	60.9	62.4	63.0	63.1	64.1	64.5	65.3	65.9
≥ 16000	5.3	42.7	46.4	51.3	55.5	56.0	58.7	60.8	61.0	62.5	63.1	63.2	64.2	64.7	65.4	66.7
≥ 14000	5.3	43.3	47.2	51.7	56.5	56.9	59.8	61.9	62.1	63.6	64.2	64.3	65.3	65.7	66.5	67.1
≥ 12000	5.3	45.1	49.1	53.8	58.5	59.1	61.9	64.1	64.3	65.7	66.3	66.5	67.4	67.9	68.6	69.7
≥ 10000	6.3	48.7	53.3	57.9	62.8	63.3	66.2	68.4	68.6	70.1	70.8	70.9	72.0	72.5	73.2	73.8
≥ 9000	6.3	49.3	53.6	58.5	63.4	63.9	66.8	69.0	69.2	70.7	71.4	71.5	72.6	73.1	73.8	74.4
≥ 8000	6.3	50.5	55.0	60.0	65.4	65.9	68.8	70.9	71.2	72.6	73.3	73.5	74.7	75.2	75.9	76.5
≥ 7000	7.1	52.7	57.2	62.1	67.6	68.0	71.0	73.2	73.5	74.9	75.6	75.8	77.0	77.4	78.2	78.5
≥ 6000	7.1	53.7	58.1	63.1	68.5	69.0	72.0	74.2	74.4	75.9	76.6	76.7	77.9	78.4	79.1	79.7
≥ 5000	7.1	54.3	58.7	63.7	69.1	69.6	72.6	74.8	75.0	76.5	77.2	77.3	78.5	79.0	79.7	80.5
≥ 4500	7.1	54.8	59.2	64.2	69.6	70.1	73.1	75.3	75.5	77.0	77.7	77.8	79.0	79.5	80.2	80.9
≥ 4000	7.7	56.3	60.7	65.7	71.1	71.6	74.6	76.8	77.0	78.5	79.2	79.3	80.5	81.0	81.7	82.5
≥ 3500	7.7	56.9	61.3	66.3	71.7	72.2	75.2	77.4	77.6	79.1	79.8	79.9	81.1	81.6	82.3	83.1
≥ 3000	7.7	58.1	62.5	67.5	72.9	73.4	76.4	78.6	78.8	80.3	81.0	81.1	82.3	82.8	83.5	84.3
≥ 2500	7.7	58.3	62.7	67.7	73.1	73.6	76.6	78.8	79.0	80.5	81.2	81.3	82.5	83.0	83.7	84.5
≥ 2000	8.3	61.3	65.7	70.7	76.1	76.6	79.6	81.8	82.0	83.5	84.2	84.3	85.5	86.0	86.7	87.5
≥ 1800	8.3	61.3	65.7	70.7	76.1	76.6	79.6	81.8	82.0	83.5	84.2	84.3	85.5	86.0	86.7	87.5
≥ 1500	8.3	61.3	65.7	70.7	76.1	76.6	79.6	81.8	82.0	83.5	84.2	84.3	85.5	86.0	86.7	87.5
≥ 1200	8.3	61.3	65.7	70.7	76.1	76.6	79.6	81.8	82.0	83.5	84.2	84.3	85.5	86.0	86.7	87.5
≥ 1000	8.3	61.3	65.7	70.7	76.1	76.6	79.6	81.8	82.0	83.5	84.2	84.3	85.5	86.0	86.7	87.5
≥ 900	8.3	61.3	65.7	70.7	76.1	76.6	79.6	81.8	82.0	83.5	84.2	84.3	85.5	86.0	86.7	87.5
≥ 800	8.3	61.3	65.7	70.7	76.1	76.6	79.6	81.8	82.0	83.5	84.2	84.3	85.5	86.0	86.7	87.5
≥ 700	8.3	61.3	65.7	70.7	76.1	76.6	79.6	81.8	82.0	83.5	84.2	84.3	85.5	86.0	86.7	87.5
≥ 600	8.3	61.3	65.7	70.7	76.1	76.6	79.6	81.8	82.0	83.5	84.2	84.3	85.5	86.0	86.7	87.5
≥ 500	8.3	61.3	65.7	70.7	76.1	76.6	79.6	81.8	82.0	83.5	84.2	84.3	85.5	86.0	86.7	87.5
≥ 400	8.3	61.3	65.7	70.7	76.1	76.6	79.6	81.8	82.0	83.5	84.2	84.3	85.5	86.0	86.7	87.5
≥ 300	8.3	61.3	65.7	70.7	76.1	76.6	79.6	81.8	82.0	83.5	84.2	84.3	85.5	86.0	86.7	87.5
≥ 200	8.3	61.3	65.7	70.7	76.1	76.6	79.6	81.8	82.0	83.5	84.2	84.3	85.5	86.0	86.7	87.5
≥ 100	8.3	61.3	65.7	70.7	76.1	76.6	79.6	81.8	82.0	83.5	84.2	84.3	85.5	86.0	86.7	87.5
≥ 0	8.3	61.3	65.7	70.7	76.1	76.6	79.6	81.8	82.0	83.5	84.2	84.3	85.5	86.0	86.7	87.5

TOTAL NUMBER OF OBSERVATIONS

829

GLOBAL CLIMATOLOGY PROJECT
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1922

ST. BEAUVILLE GA

75-81

MAY

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥¼	≥0
NO CEILING	2.3	23.6	27.0	37.9	38.9	38.5	42.1	43.6	43.8	45.7	46.5	46.5	47.1	47.5	48.7	48.8
≥ 20000	3.4	21.5	33.4	37.4	43.9	45.8	49.8	51.4	51.6	53.6	54.6	54.7	55.5	56.0	56.5	57.3
≥ 18000	3.4	21.5	33.4	37.4	43.9	45.8	49.9	51.6	51.7	53.8	54.8	54.9	55.8	56.3	56.7	57.6
≥ 16000	3.4	21.6	33.5	37.5	44.1	46.1	50.1	51.8	51.9	54.1	55.0	55.2	56.0	56.5	57.0	57.8
≥ 14000	3.4	21.6	34.4	38.5	45.2	47.1	51.3	53.2	53.4	55.6	56.6	56.7	57.6	58.1	58.5	59.4
≥ 12000	3.4	21.5	36.2	41.1	47.7	49.9	54.3	56.3	56.4	58.8	59.7	59.9	60.7	61.2	61.7	62.5
≥ 10000	3.4	34.7	41.3	46.5	54.1	50.1	60.6	62.6	62.7	65.1	66.1	66.2	67.1	67.5	68.1	69.0
≥ 9000	3.4	35.7	42.3	47.5	54.9	57.1	61.5	63.6	63.7	66.1	67.1	67.2	68.0	68.5	69.1	70.0
≥ 8000	4.3	37.3	44.5	50.0	57.7	60.2	64.7	66.7	66.8	69.2	70.2	70.3	71.2	71.6	72.2	73.1
≥ 7000	4.3	36.4	45.5	51.1	59.0	61.5	66.0	68.0	68.1	70.6	71.5	71.6	72.5	73.0	73.6	74.5
≥ 6000	4.3	37.4	46.3	51.9	59.9	62.4	66.8	69.0	69.1	71.5	72.5	72.6	73.4	73.9	74.5	75.5
≥ 5000	4.4	41.0	47.1	52.8	60.7	63.2	67.7	69.8	70.0	72.5	73.4	73.6	74.4	74.9	75.5	76.4
≥ 4500	4.4	41.7	47.3	53.5	61.4	63.9	68.4	70.6	70.7	73.2	74.2	74.3	75.1	75.6	76.2	77.2
≥ 4000	4.4	41.3	46.3	54.4	62.4	65.0	69.6	71.8	71.9	74.4	75.4	75.5	76.3	76.8	77.4	78.4
≥ 3500	4.4	41.3	49.3	55.2	63.1	65.7	70.3	72.5	72.6	75.1	76.1	76.2	77.0	77.5	78.1	79.1
≥ 3000	4.4	42.9	51.7	56.7	64.8	67.4	72.1	74.3	74.4	76.9	77.9	78.0	78.8	79.3	79.9	80.9
≥ 2500	4.4	44.4	51.9	58.1	65.5	67.1	74.2	76.2	76.3	78.8	79.8	79.9	80.8	81.3	81.9	82.8
≥ 2000	4.4	45.0	53.1	59.4	67.3	71.6	75.6	77.9	78.0	80.5	81.5	81.6	82.5	82.9	83.5	84.5
≥ 1800	4.4	45.7	54.1	60.2	68.8	71.4	76.4	78.7	78.8	81.4	82.3	82.5	83.3	83.8	84.4	85.3
≥ 1500	4.4	45.6	54.9	61.5	70.1	72.7	77.8	80.0	80.2	82.7	83.7	83.8	84.6	85.1	85.7	86.7
≥ 1200	4.4	45.7	57.3	64.2	73.1	75.8	80.9	83.2	83.3	85.8	86.8	86.9	87.7	88.2	88.8	89.8
≥ 1000	4.4	45.8	57.7	64.7	73.7	76.4	81.5	83.9	84.0	86.5	87.5	87.6	88.5	88.9	89.7	90.6
≥ 900	4.4	45.9	58.4	65.6	74.9	77.5	82.7	85.1	85.2	87.7	88.7	88.8	89.7	90.1	90.9	91.8
≥ 800	4.4	51.1	59.1	66.3	75.7	78.7	84.3	86.9	87.0	89.5	90.5	90.6	91.5	91.9	92.7	93.6
≥ 700	4.4	51.5	59.3	66.7	76.2	79.2	85.1	87.7	87.9	90.4	91.3	91.5	92.4	92.9	93.6	94.6
≥ 600	4.4	51.7	59.7	66.9	76.4	79.4	85.6	88.3	88.5	91.0	92.1	92.2	93.1	93.6	94.4	95.3
≥ 500	4.4	51.8	59.9	67.1	76.7	79.8	86.1	88.9	89.1	91.6	92.8	92.9	94.0	94.5	95.2	96.2
≥ 400	4.4	50.8	59.3	67.1	76.7	79.9	86.3	89.4	89.5	92.1	93.3	93.4	94.5	95.0	95.8	96.9
≥ 300	4.4	51.8	59.3	67.1	76.9	81.2	86.5	89.8	90.3	93.0	94.2	94.4	95.7	96.5	97.7	98.9
≥ 200	4.4	50.3	59.9	67.1	76.9	80.2	86.5	89.8	90.3	93.0	94.4	94.6	96.2	97.1	98.4	99.9
≥ 100	4.4	50.8	59.9	67.1	76.9	80.2	86.5	89.8	90.3	93.0	94.4	94.6	96.3	97.2	98.6	100.0
≥ 0	4.4	50.8	59.9	67.1	76.9	80.2	86.5	89.8	90.3	93.0	94.4	94.6	96.3	97.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 832

U.S. AIR FORCE CLIMATE COMMAND
 WRIGHT PATT
 AIR WEATHER SERVICE/710

CEILING VERSUS VISIBILITY

STATION NO. 73-41 STATION NAME YEARS MONTH 900-1100 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	54.7	40.7	57.7	52.7	74.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 7000	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 5000	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4500	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4000	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 3500	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 3000	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 2500	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 2000	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1800	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1500	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1200	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1000	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 900	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 800	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 700	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 600	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 500	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 400	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 300	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 200	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 100	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 0	54.7	54.7	57.7	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9

TOTAL NUMBER OF OBSERVATIONS 830

U.S. AIR FORCE
 USAF ETAC
 AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

STATION 122 11000000

73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	5.7	61.3	57.7	57.1	57.1	55.1	57.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥20000	7.9	61.9	67.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥18000	7.9	62.3	64.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥16000	7.9	62.4	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥14000	7.9	64.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥12000	7.9	67.7	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥10000	7.9	71.6	74.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥9000	7.9	73.0	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥8000	7.9	74.8	77.0	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥7000	7.9	75.3	77.1	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥6000	7.9	75.4	78.5	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥5000	7.9	77.8	81.7	81.7	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥4500	7.9	78.5	81.8	83.1	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥4000	7.9	78.5	87.7	85.1	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥3500	7.9	78.5	85.9	87.2	87.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥3000	7.9	78.5	87.3	91.7	91.6	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥2500	7.9	78.5	91.4	93.7	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥2000	7.9	78.5	94.3	95.8	96.6	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥1800	7.9	78.5	94.3	96.0	96.9	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥1500	7.9	78.5	94.3	96.5	97.5	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1200	7.9	78.5	94.3	96.5	97.5	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥1000	7.9	78.5	94.3	96.5	97.5	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥900	7.9	78.5	94.3	96.5	97.5	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥800	7.9	78.5	94.3	96.5	97.5	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥700	7.9	78.5	94.3	96.5	97.5	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥600	7.9	78.5	94.3	96.5	97.5	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥500	7.9	78.5	94.3	96.5	97.5	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥400	7.9	78.5	94.3	96.5	97.5	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥300	7.9	78.5	94.3	96.5	97.5	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥200	7.9	78.5	94.3	96.5	97.5	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥100	7.9	78.5	94.3	96.5	97.5	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥0	7.9	78.5	94.3	96.5	97.5	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 671

U.S. AIR FORCE
 FORM 10-1
 1-64

CEILING VERSUS VISIBILITY

STATION 10-1

73-1

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1973-1974
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥1/16	≥1/32	≥1/64	≥1/128
NO RECORDING	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥20000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥18000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥16000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥14000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥12000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥10000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥8000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥6000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥5000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥4500	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥4000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥3500	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥3000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥2500	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥2000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥1800	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥1600	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥1400	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥1200	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥1000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥900	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥800	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥700	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥600	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥500	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥400	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥300	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥200	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥100	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2

TOTAL NUMBER OF OBSERVATIONS

31

CEILING VER- IS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) HOURS (L.S.T.) _____

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO RECORDING	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 20000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 18000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 16000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 14000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 12000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 10000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 9500	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 9000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 8500	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 8000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 7500	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 6000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 5000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 4500	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 4000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 3500	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 3000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 2500	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 2000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1800	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1600	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1400	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 900	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 800	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 700	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 600	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 500	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 400	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 50	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

TOTAL NUMBER OF OBSERVATIONS 327

CEILING VERSUS VISIBILITY

STATION	STATION NAME	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	YEARS	MONTH	HOURS (L.S.T.)																								
VISIBILITY - STATUTE MILES																													
		27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
10000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0
≥ 10000	0.0	1.1	1.7	2.7	4.4	7.7	11.5	17.7	27.5	41.9	61.8	87.9	100.0	100.0	100.0
≥ 8000	0.0	0.9	1.4	2.3	3.8	6.1	9.2	13.9	21.2	32.7	49.3	71.8	87.9	100.0	100.0
≥ 6000	0.0	0.7	1.1	1.8	2.9	4.6	6.9	10.6	16.0	24.7	37.3	53.8	71.8	87.9	100.0
≥ 4000	0.0	0.5	0.8	1.3	2.1	3.4	5.1	7.7	11.5	17.7	27.5	41.9	61.8	87.9	100.0
≥ 2000	0.0	0.3	0.5	0.8	1.3	2.1	3.4	5.1	7.7	11.5	17.7	27.5	41.9	61.8	87.9
≥ 1000	0.0	0.2	0.3	0.5	0.8	1.3	2.1	3.4	5.1	7.7	11.5	17.7	27.5	41.9	61.8
≥ 800	0.0	0.1	0.2	0.3	0.5	0.8	1.3	2.1	3.4	5.1	7.7	11.5	17.7	27.5	41.9
≥ 600	0.0	0.1	0.2	0.3	0.5	0.8	1.3	2.1	3.4	5.1	7.7	11.5	17.7	27.5	41.9
≥ 400	0.0	0.1	0.2	0.3	0.5	0.8	1.3	2.1	3.4	5.1	7.7	11.5	17.7	27.5	41.9
≥ 200	0.0	0.1	0.2	0.3	0.5	0.8	1.3	2.1	3.4	5.1	7.7	11.5	17.7	27.5	41.9
≥ 100	0.0	0.1	0.2	0.3	0.5	0.8	1.3	2.1	3.4	5.1	7.7	11.5	17.7	27.5	41.9
≥ 0	0.0	0.1	0.2	0.3	0.5	0.8	1.3	2.1	3.4	5.1	7.7	11.5	17.7	27.5	41.9

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) HOURS (L.S.T.) _____

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/20	≥1/30
NO CEILING	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 20000	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 18000	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 16000	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 14000	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 12000	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 10000	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 9000	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 8000	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 7000	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 6000	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 5000	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 4500	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 4000	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 3500	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 3000	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 2500	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 2000	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 1800	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 1600	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 1400	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 1200	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 1000	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 900	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 800	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 700	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 600	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 500	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 400	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 300	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 200	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 100	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5
≥ 0	7.0	41.3	51.0	57.0	60.7	62.1	64.1	66.0	68.0	69.5	70.5	71.5	72.5	73.5	74.5	75.5

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

4 5 6 7 8 9 10 11 12
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥1/16
≥20000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥18000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥16000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥14000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥12000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥10000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥9000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥8000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥7000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥6000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥5000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥4500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥4000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥3500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥3000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥2500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥1800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥1500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥1200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

1. NAME OF STATION
2. DATE
3. NAME OF SERVICE

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS (L.S.T.) _____

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO RECORD	4.	5.3	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 25000	4.	5.3	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 18000	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 15000	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 14000	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 12000	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 10000	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 9000	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 8000	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 7000	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 6000	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 5000	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 4500	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 4000	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 3500	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 3000	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 2500	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 2000	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 1800	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 1500	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 1200	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 1000	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 900	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 800	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 700	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 600	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 500	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 400	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 300	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 200	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 100	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 0	4.	5.1	5.4	5.7	5.7	6.1	6.3	6.4	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION

STATION NAME

73-11

YEARS

JUN

NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 0-14 16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/16	≥ 0
NO CEILING	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 20000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 16000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 12000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4500	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3500	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 2500	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 2000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1800	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1500	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1200	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 900	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 800	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 700	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 600	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 500	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 400	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 300	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 200	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 100	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7

TOTAL NUMBER OF OBSERVATIONS

500

U.S. AIR FORCE CLIMATE DIVISION
 WASHINGTON, D.C.
 AIRCRAFT - B-57C/MAN

CEILING VERSUS VISIBILITY

STATION 20 STATION NAME FT. RENTON, WA YEARS 73-74 MONTH JUL
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	5.0	50.7	57.0	57.0	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 20000	5.0	7.1	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 18000	5.0	7.1	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	5.0	71.1	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4500	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4000	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3500	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2500	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2000	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1800	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1500	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1200	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1000	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 900	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 800	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 700	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 600	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 500	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 400	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 300	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 200	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 100	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 0	5.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0

TOTAL NUMBER OF OBSERVATIONS 500

GENERAL DIRECTION: N E
 ELEVATION: 7100
 ALTITUDE: 7100

CEILING VERSUS VISIBILITY

STATION: 722 STATION NAME: FT. MONMOUTH

75-57

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1100-0300
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥1/8
NO CEILING	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 18000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 16000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 14000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 12000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 10000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 8000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 7000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 5000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 2500	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 2000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1800	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1500	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1200	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 900	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 800	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 700	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 600	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 500	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 400	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 300	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 200	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 100	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9

TOTAL NUMBER OF OBSERVATIONS 379

1. NAME OF STATION
2. LOCATION
3. DATE OF OBSERVATION

CEILING VERSUS VISIBILITY

4. STATION
5. STATION NAME

6. YEAR

7. MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

8. ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO. CEILING	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
≥ 20000	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 18000	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 16000	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 14000	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 12000	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 10000	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 8000	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 7000	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 6000	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 5000	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 4500	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 4000	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 3500	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 3000	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 2500	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 2000	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 1800	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 1500	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 1200	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 1000	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 900	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 800	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 700	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 600	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 500	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 400	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 300	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 200	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 100	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 0	4.1	6.1	6.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1

TOTAL NUMBER OF OBSERVATIONS 444

CEILING VERSUS VISIBILITY

STATION NAME
STATION NUMBER
STATION TYPE

STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 1/40	≥ 1/80
≥ 10000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 8000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 6000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 4000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1/2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1/4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1/10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1/40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1/80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS (L.S.T.) _____

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
≥ 2500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 830

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS (L.S.T.) _____

CEILING FEET		VISIBILITY STATUTE MILES																	
		≥ 7	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
≥ 8000	8000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7000	7000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6000	6000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000	5000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4000	4000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	3000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

DATE

MONTH

YEAR

HOURS (L.S.T.)

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

		VISIBILITY (STATUTE MILES)															
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1000	1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
900	900	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
800	800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
700	700	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
600	600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
500	500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
400	400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
300	300	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
200	200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
100	100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
50	50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH																									
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)																												
HOURS (L.S.T.)																												
VISIBILITY - STATUTE MILES																												
CEILING - FEET	30	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
1000																												
900																												
800																												
700																												
600																												
500																												
400																												
300																												
200																												
100																												
0																												
TOTAL NUMBER OF OBSERVATIONS _____																												

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS (L.S.T.) _____

ELEVATION (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ 0.1	≥ 0.2	≥ 0.3	≥ 0.4	≥ 0.5	≥ 0.6	≥ 0.7	≥ 0.8	≥ 0.9	≥ 1.0	≥ 1.5	≥ 2.0	≥ 2.5	≥ 3.0	≥ 4.0
≥ 2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (U.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
≥ 25000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 18000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 14000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 10000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 8000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 6000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 5000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 4500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 4000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 3500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 3000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 - 73
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
≥ 10000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 9000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 8000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 7000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 6000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 5000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 4500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 4000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 3500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 3000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 2500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 2000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 900	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 700	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 300	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 DATE _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS (L.S.T.) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
≥ 27000	1.0	1.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 18000	1.0	1.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 15000	1.0	1.0	5.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 14000	1.0	1.0	5.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 13000	1.0	1.0	6.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 12000	1.0	1.0	5.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 11000	1.0	1.0	6.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 10000	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 9000	1.0	1.0	8.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 8000	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 7000	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 6000	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 5000	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 4500	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 4000	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 3500	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 3000	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 2500	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 2000	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1800	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1500	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1200	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1000	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 900	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 800	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 700	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 600	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 500	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 400	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 300	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 200	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 100	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 0	1.0	1.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 107

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥ 7000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 6500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 6000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 5500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 5000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 4500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 4000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 3500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 3000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH														HOURS (L.S.T.)
			PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)														
VISIBILITY STATUTE MILES																	
FEET	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
2 10000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 9000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 8000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 7000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 6000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 5000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 4000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 3000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 2000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 1000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 900	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 800	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 700	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 600	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 500	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 400	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 300	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 200	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 100	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 90	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 80	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 70	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 60	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 50	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 40	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 30	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 20	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 10	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2 0	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.G.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ .	≥ .
NO. OBS.																
≥ 20000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2 18000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2 16000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2 14000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2 12000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2 10000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2 8000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2 6000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2 4000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2 2000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2 1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2 500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2 100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 537

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01-12-1955
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32
≥ 20000	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 8000	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 6000	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4000	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 3000	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 2000	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1500	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1000	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 800	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 600	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 400	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 300	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 200	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 100	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 50	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 5	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 2	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ ½	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ ¼	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1/8	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1/16	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1/32	1.4	54.4	57.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4

TOTAL NUMBER OF OBSERVATIONS

534

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 70	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 60	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 40	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 27

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS (L.S.T.)

+5.0 STATUTE MILES																
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)				
VISIBILITY - STATUTE MILES				
1000	20	25	24	23
900	20	25	24	23
800	20	25	24	23
700	20	25	24	23
600	20	25	24	23
500	20	25	24	23
400	20	25	24	23
300	20	25	24	23
200	20	25	24	23
100	20	25	24	23
50	20	25	24	23
25	20	25	24	23
10	20	25	24	23
5	20	25	24	23
2	20	25	24	23
1	20	25	24	23
0	20	25	24	23
TOTAL NUMBER OF OBSERVATIONS				

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)			
VISIBILITY STATUTE MILES			
CEILING FEET	20	25	30
1000	100	100	100
900	100	100	100
800	100	100	100
700	100	100	100
600	100	100	100
500	100	100	100
400	100	100	100
300	100	100	100
200	100	100	100
100	100	100	100
0	100	100	100
TOTAL NUMBER OF OBSERVATIONS			

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) HOURS (L.S.T.) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2.0	2.6	2.1	2.4	2.3	2.7	2.2	2.5	2.0	2.4	2.3	2.5	2.0	2.4	2.3	2.5
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH														
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)																	
USBL - STATUTE MILES																	
FEET	≥ 0	≥ 6	≥ 12	≥ 18	≥ 24	≥ 30	≥ 36	≥ 42	≥ 48	≥ 54	≥ 60	≥ 66	≥ 72	≥ 78	≥ 84	≥ 90	
≥ 27000																	
≥ 2400																	
≥ 2100																	
≥ 1800																	
≥ 1500																	
≥ 1200																	
≥ 900																	
≥ 600																	
≥ 300																	
≥ 0																	

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NOT RECORDED																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 8000																
≥ 6000																
≥ 4000																
≥ 3000																
≥ 2000																
≥ 1800																
≥ 1600																
≥ 1400																
≥ 1200																
≥ 1000																
≥ 800																
≥ 600																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 50																
≥ 25																
≥ 10																
≥ 5																
≥ 2																
≥ 1																
≥ 1/2																
≥ 1/4																
≥ 1/8																
≥ 1/16																
≥ 1/32																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH	HOURS (EST)												
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)																
VISIBILITY - STATUTE MILES																
FEET	≥ 1	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
≥ 10000																
≥ 8000																
≥ 6000																
≥ 4000																
≥ 3000																
≥ 2000																
≥ 1500																
≥ 1000																
≥ 800																
≥ 600																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 80																
≥ 60																
≥ 40																
≥ 30																
≥ 20																
≥ 10																
≥ 5																
≥ 2																
≥ 1																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURE (L.S.T.)

		VISIBILITY STATUTE MILES															
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900
800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700
600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS 000

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
≥ 10000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 8000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 6000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 4000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 - 30
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO RECORD																
≥ 20000		1.7	5.4	11.1	17.2	24.5	32.0	40.6	49.3	57.9	66.6	75.3	84.0	92.7	101.4	110.1
≥ 18000			1.7	5.4	11.1	17.2	24.5	32.0	40.6	49.3	57.9	66.6	75.3	84.0	92.7	101.4
≥ 16000				1.7	5.4	11.1	17.2	24.5	32.0	40.6	49.3	57.9	66.6	75.3	84.0	92.7
≥ 14000					1.7	5.4	11.1	17.2	24.5	32.0	40.6	49.3	57.9	66.6	75.3	84.0
≥ 12000						1.7	5.4	11.1	17.2	24.5	32.0	40.6	49.3	57.9	66.6	75.3
≥ 10000							1.7	5.4	11.1	17.2	24.5	32.0	40.6	49.3	57.9	66.6
≥ 8000								1.7	5.4	11.1	17.2	24.5	32.0	40.6	49.3	57.9
≥ 6000									1.7	5.4	11.1	17.2	24.5	32.0	40.6	49.3
≥ 4000										1.7	5.4	11.1	17.2	24.5	32.0	40.6
≥ 2000											1.7	5.4	11.1	17.2	24.5	32.0
≥ 1000												1.7	5.4	11.1	17.2	24.5
≥ 800													1.7	5.4	11.1	17.2
≥ 600														1.7	5.4	11.1
≥ 400															1.7	5.4
≥ 200																1.7
≥ 100																
≥ 80																
≥ 60																
≥ 40																
≥ 20																
≥ 10																
≥ 5																
≥ 2 1/2																
≥ 2																
≥ 1 1/2																
≥ 1 1/4																
≥ 1																
≥ 3/4																
≥ 1/2																
≥ 1/4																
≥ 1/8																
≥ 1/16																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 507

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 DATE _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 ALL
 HOURS (L.S.T.) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 1/16
NO. OF OBS.																
≥ 2000		1.1	4.4	4.1	11.7	11.3	12.9	13.2	17.5	13.1	14.1	14.1	14.5	14.5	14.7	14.5
≥ 1800		1.1	5.7	5.3	10.1	10.4	10.3	11.3	11.7	12.2	12.5	12.5	12.9	12.9	13.1	13.1
≥ 1600		4.7	17.7	17.1	19.7	19.3	11.6	12.3	12.7	13.1	13.3	13.3	13.7	13.7	13.7	13.7
≥ 1400		1.1	5.1	5.7	11.1	1.3	12.6	13.4	13.5	14.1	14.3	14.3	14.7	14.8	14.9	14.8
≥ 1200		1.1	5.1	5.3	11.7	14.3	15.4	16.1	16.3	16.8	17.1	17.1	17.5	17.5	17.7	17.7
≥ 1000		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 900		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 800		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 700		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 600		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 500		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 450		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 400		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 350		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 300		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 250		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 200		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 180		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 160		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 140		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 120		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 100		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 80		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 60		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 40		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 30		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 20		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 10		1.1	5.1	14.7	14.7	14.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1

TOTAL NUMBER OF OBSERVATIONS 7445

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) HOURS (L.S.T.) _____

FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
≥ 25000		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 18000		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 15000		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 14000		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 12000		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 10000		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 9000		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 8000		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 7000		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 6000		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 5000		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 4500		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 4000		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 3500		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 3000		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 2500		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 2000		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 1800		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 1500		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 1200		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 1000		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 900		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 800		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 700		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 600		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 500		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 400		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 300		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 200		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 100		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
≥ 0		1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

TOTAL NUMBER OF OBSERVATIONS _____ 74

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
≥ 1000	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
900	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
800	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
700	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
500	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
400	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
300	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
200	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
90	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
70	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
60	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
40	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
30	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
20	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
10	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
0	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 31

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH													
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)																
HOURS (L & T)																
CEILING FEET	VISIBILITY - STATUTE MILES															
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
8000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS																
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TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) HOURS (LST) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) HOURS (GMT) _____

CEILING FEET	VISIBILITY STATUTE MILES															
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH															
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)																		
VISIBILITY STATUTE MILES																		
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	
1.0																		
1.5																		
2.0																		
2.5																		
3.0																		
3.5																		
4.0																		
4.5																		
5.0																		
5.5																		
6.0																		
6.5																		
7.0																		
7.5																		
8.0																		
8.5																		
9.0																		
9.5																		
10.0																		
TOTAL NUMBER OF OBSERVATIONS																		

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS (L & T) _____

USAF STATION NUMBER		VISIBILITY (FEET)															
		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	100
1. 1000	1. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
2. 1000	2. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3. 1000	3. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
4. 1000	4. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
5. 1000	5. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
6. 1000	6. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
7. 1000	7. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
8. 1000	8. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
9. 1000	9. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
10. 1000	10. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
11. 1000	11. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
12. 1000	12. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
13. 1000	13. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
14. 1000	14. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
15. 1000	15. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
16. 1000	16. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
17. 1000	17. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
18. 1000	18. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
19. 1000	19. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
20. 1000	20. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
21. 1000	21. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
22. 1000	22. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
23. 1000	23. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
24. 1000	24. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
25. 1000	25. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
26. 1000	26. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
27. 1000	27. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
28. 1000	28. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
29. 1000	29. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
30. 1000	30. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
31. 1000	31. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
32. 1000	32. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
33. 1000	33. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
34. 1000	34. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
35. 1000	35. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
36. 1000	36. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
37. 1000	37. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
38. 1000	38. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
39. 1000	39. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
40. 1000	40. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
41. 1000	41. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
42. 1000	42. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
43. 1000	43. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
44. 1000	44. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
45. 1000	45. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
46. 1000	46. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
47. 1000	47. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
48. 1000	48. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
49. 1000	49. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
50. 1000	50. 1000	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS (L.S.T.) _____

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	26	25	24	23	22 1/2	21	20	20 1/2	20	19	18	17	16	15	14
≥ 1000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
900-1000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
800-900	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
700-800	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
600-700	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
500-600	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
400-500	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
300-400	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
200-300	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
100-200	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
50-100	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
25-50	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
10-25	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
5-10	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
2-5	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
1-2	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
0-1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS (LST) _____

CEILING FEET	VISIBILITY - STATUTE MILES															
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
2700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 67

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥ 1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 1800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 1600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 1400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 1200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)																
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)																				
VISIBILITY - STATUTE MILES																				
CEILING - FEET	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16	≥ 17	≥ 18	≥ 19	≥ 20
≥ 1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 900	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 700	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 300	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS																				
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TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)												
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)																
CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ .00
≥ 10000
≥ 8000
≥ 6000
≥ 4000
≥ 2000
≥ 1000
≥ 800
≥ 600
≥ 400
≥ 200
≥ 100
≥ 50
≥ 20
≥ 10
≥ 5
≥ 2
≥ 1
≥ .5
≥ .25
≥ .1
≥ .05
≥ .01
≥ .00
TOTAL NUMBER OF OBSERVATIONS																

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)		HOURS (L.S.T.)	

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO RECORD	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 2000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1800	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1600	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1400	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 1000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 900	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 800	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 700	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 600	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 500	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 450	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 400	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 350	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 250	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 150	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 50	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
≥ 0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L & T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
≥ 8000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 7000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 6000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 5000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 4000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 3000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 450	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 350	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 250	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS (LST) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2.0	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
50																
0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)																								
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)																												
VISIBILITY - STATUTE MILES																												
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
1. 1000																												
2. 900																												
3. 800																												
4. 700																												
5. 600																												
6. 500																												
7. 400																												
8. 300																												
9. 200																												
10. 100																												
11. 50																												
12. 25																												
13. 15																												
14. 10																												
15. 5																												
16. 0																												
17. 1000																												
18. 900																												
19. 800																												
20. 700																												
21. 600																												
22. 500																												
23. 400																												
24. 300																												
25. 200																												
26. 100																												
27. 50																												
28. 25																												
29. 15																												
30. 10																												
31. 5																												
32. 0																												
TOTAL NUMBER OF OBSERVATIONS																												

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE			
(FROM HOURLY OBSERVATIONS)			HOURS (L.S.T.)

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION	STATION NAME	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	YEARS	MONTH																																																																																	
<div style="text-align: center;">VISIBILITY - STATUTE MILES</div> <table border="1"> <thead> <tr> <th>20</th> <th>21</th> <th>22</th> <th>23</th> <th>24</th> <th>25</th> <th>26</th> <th>27</th> <th>28</th> <th>29</th> <th>30</th> <th>31</th> <th>32</th> <th>33</th> <th>34</th> <th>35</th> <th>36</th> <th>37</th> <th>38</th> <th>39</th> <th>40</th> <th>41</th> <th>42</th> <th>43</th> <th>44</th> <th>45</th> <th>46</th> <th>47</th> <th>48</th> <th>49</th> <th>50</th> <th>51</th> <th>52</th> <th>53</th> <th>54</th> <th>55</th> <th>56</th> <th>57</th> <th>58</th> <th>59</th> <th>60</th> <th>61</th> <th>62</th> <th>63</th> <th>64</th> <th>65</th> <th>66</th> <th>67</th> <th>68</th> <th>69</th> <th>70</th> <th>71</th> <th>72</th> <th>73</th> <th>74</th> <th>75</th> <th>76</th> <th>77</th> <th>78</th> <th>79</th> <th>80</th> <th>81</th> <th>82</th> <th>83</th> <th>84</th> <th>85</th> <th>86</th> <th>87</th> <th>88</th> <th>89</th> <th>90</th> <th>91</th> <th>92</th> <th>93</th> <th>94</th> <th>95</th> <th>96</th> <th>97</th> <th>98</th> <th>99</th> <th>100</th> </tr> </thead> </table>					20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100					
TOTAL NUMBER OF OBSERVATIONS _____																																																																																					

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS
 HOURS (L.S.T.) _____

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	1	0
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
50																
25																
10																
5																
1																
0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 19__ - 19__
 HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
≥ 1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 7 1/2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 3 1/2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2 1/2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1 1/2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 3/4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1/2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1/4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1/8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1/16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1/32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
≥ 10000	1.0	1.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 7000	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 5000	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 4000	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 3000	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2000	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1500	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1000	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 800	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 600	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 400	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 300	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 150	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 100	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 80	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 60	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 40	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 30	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 20	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 15	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 10	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 8	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 6	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 4	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 3	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
≥ 1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH	HOURS (LST)												
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)																
CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ .001
≥ 2000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 1800	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 1600	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 1400	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 1200	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 1000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 800	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 600	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 400	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 200	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 100	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ 1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ .75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ .5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ .25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ .1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ .05	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ .01	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
≥ .001	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) HOURS (L.S.T.) _____

ELEVATION (FEET)	VISIBILITY (STATUTE MILES)															
	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
900	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
700	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
300	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 1667

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.Y.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
2500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 7

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN,
OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

STATION NO. _____ STATION NAME _____ PERIOD _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS		
		0	1	2	3	4	5	6	7	8	9	10		
	-	.			1						1	41.	1	1
	-	.			1						1	47.	1	1
	-	.			1						1	42.	1	1
	-	1			1						1	45.4	1	1
	-	1			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1
	-	.			1						1	41.	1	1

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[illegible]

1

[illegible]

USAFETAC FORM 0-9.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

1.

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SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

No.	Date	Hour	PERCENTAGE FREQUENCY LENGTHS OF TOTAL CATCHES									Total
			0	1	2	3	4	5	6	7	8	
1			.			.					2	
2			.			.					2	
3			.			.					2	
4			.			.					2	
5			.			.					2	
6			.			.					2	
7			.			.					2	
8			.			.					2	
9			.			.					2	
10			.			.					2	
11			.			.					2	
12			.			.					2	
13			.			.					2	
14			.			.					2	
15			.			.					2	
16			.			.					2	
17			.			.					2	
18			.			.					2	
19			.			.					2	
20			.			.					2	
21			.			.					2	
22			.			.					2	
23			.			.					2	
24			.			.					2	
25			.			.					2	
26			.			.					2	
27			.			.					2	
28			.			.					2	
29			.			.					2	
30			.			.					2	
31			.			.					2	
32			.			.					2	
33			.			.					2	
34			.			.					2	
35			.			.					2	
36			.			.					2	
37			.			.					2	
38			.			.					2	
39			.			.					2	
40			.			.					2	
41			.			.					2	
42			.			.					2	
43			.			.					2	
44			.			.					2	
45			.			.					2	
46			.			.					2	
47			.			.					2	
48			.			.					2	
49			.			.					2	
50			.			.					2	
51			.			.					2	
52			.			.					2	
53			.			.					2	
54			.			.					2	
55			.			.					2	
56			.			.					2	
57			.			.					2	
58			.			.					2	
59			.			.					2	
60			.			.					2	
61			.			.					2	
62			.			.					2	
63			.			.					2	
64			.			.					2	

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER
	1	2	3	4	5	6	7	8	9	10	
JAN	0	0	0	0	0	0	0	0	0	0	0
FEB	0	0	0	0	0	0	0	0	0	0	0
MAR	0	0	0	0	0	0	0	0	0	0	0
APR	0	0	0	0	0	0	0	0	0	0	0
MAY	0	0	0	0	0	0	0	0	0	0	0
JUN	0	0	0	0	0	0	0	0	0	0	0
JUL	0	0	0	0	0	0	0	0	0	0	0
AUG	0	0	0	0	0	0	0	0	0	0	0
SEP	0	0	0	0	0	0	0	0	0	0	0
OCT	0	0	0	0	0	0	0	0	0	0	0
NOV	0	0	0	0	0	0	0	0	0	0	0
DEC	0	0	0	0	0	0	0	0	0	0	0
TOTALS	0	0	0	0	0	0	0	0	0	0	0

11 SAFETY AC

FORM 54 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS	TOTAL PERCENT
		0	1	2	3	4	5	6	7	8	9	10	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
TOTALS													

[illegible]

MONTH	HOURS PER DAY	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										TOTAL PERCENT	NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
-	.				.					2	0	27.	0.4	7
-	.				.					1	1	14.	1.1	17
-	.				.					22	3	41.	.1	77
-	.				.					1	0	13.	1.2	52
-	.				.					1	7	15.	1.5	61
-	.				.					1	0	10.	.0	-
-	.				.					1	0	19.	.3	77
-	.				.					1	0	7.	.2	78
TOTALS	.				.					26	2	17.1	.1	304

SKY COVER

STATION: _____ STATE: _____ COUNTY: _____

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

MONTH	HOURS PER DAY	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										TOTAL PERCENTAGE	TOTAL HOURS
		0	1	2	3	4	5	6	7	8	9	10	
1	—	•			•						11.1	11.1	1.1
2	—	•			•						11.9	11.9	1.1
3	—	•			•						14.7	14.7	1.1
4	—	•			•						17.6	17.6	1.1
5	—	•			•						18.7	18.7	1.1
6	—	•			•						17.6	17.6	1.1
7	—	•			•						17.6	17.6	1.1
8	—	•			•						17.6	17.6	1.1
9	—	•			•						17.6	17.6	1.1
10	—	•			•						17.6	17.6	1.1
11	—	•			•						17.6	17.6	1.1
12	—	•			•						17.6	17.6	1.1
TOTALS		•			•						14.6	14.6	1.1

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

STATION NO. _____ STATION NAME _____ PERIOD _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN SKY COVER (TENTHS)	TOTAL OBSERVATIONS
		0	1	2	3	4	5	6	7	8	9	10	
JAN	01-02	4.0			1.0						10.3	7.1	7.1
	03-04	1.0			1.0						11.0	10.3	7.1
	05-06	1.0			1.0						14.3	13.7	7.1
	07-08	2.0			1.0						11.1	10.4	7.1
	09-10	1.0			1.0						12.1	13.7	7.1
	11-12	1.0			1.0						13.0	14.3	7.1
	13-14	1.0			1.0						10.0	14.3	7.1
	15-16	1.0			1.0						10.3	16.0	7.1
	17-18												
	19-20												
	21-22												
	23-24												
TOTALS		1.0			1.0						14.4	13.1	7.1

SKY COVER

STATION NO. _____ STATION NAME _____ PERIOD _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS EST.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TOTAL SKY COVER		
		0	1	2	3	4	5	6	7	8	9	10	11	12
-	1	.			17.4						17.1	15.4	8.1	1.4
-	2	.			17.4						17.1	15.4	8.1	1.4
-	3	.			17.4						17.1	15.4	8.1	1.4
-	4	.			17.4						17.1	15.4	8.1	1.4
-	5	.			17.4						17.1	15.4	8.1	1.4
-	6	.			17.4						17.1	15.4	8.1	1.4
-	7	.			17.4						17.1	15.4	8.1	1.4
-	8	.			17.4						17.1	15.4	8.1	1.4
-	9	.			17.4						17.1	15.4	8.1	1.4
-	10	.			17.4						17.1	15.4	8.1	1.4
-	11	.			17.4						17.1	15.4	8.1	1.4
-	12	.			17.4						17.1	15.4	8.1	1.4
-	13	.			17.4						17.1	15.4	8.1	1.4
-	14	.			17.4						17.1	15.4	8.1	1.4
-	15	.			17.4						17.1	15.4	8.1	1.4
-	16	.			17.4						17.1	15.4	8.1	1.4
-	17	.			17.4						17.1	15.4	8.1	1.4
-	18	.			17.4						17.1	15.4	8.1	1.4
-	19	.			17.4						17.1	15.4	8.1	1.4
-	20	.			17.4						17.1	15.4	8.1	1.4
-	21	.			17.4						17.1	15.4	8.1	1.4
-	22	.			17.4						17.1	15.4	8.1	1.4
-	23	.			17.4						17.1	15.4	8.1	1.4
-	24	.			17.4						17.1	15.4	8.1	1.4
-	25	.			17.4						17.1	15.4	8.1	1.4
-	26	.			17.4						17.1	15.4	8.1	1.4
-	27	.			17.4						17.1	15.4	8.1	1.4
-	28	.			17.4						17.1	15.4	8.1	1.4
-	29	.			17.4						17.1	15.4	8.1	1.4
-	30	.			17.4						17.1	15.4	8.1	1.4
-	31	.			17.4						17.1	15.4	8.1	1.4
TOTALS	.				17.4						17.1	15.4	8.1	1.4

THE UNIVERSITY OF CHICAGO

STATE OF NEW YORK

246

444

and

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LISTED	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
JAN.	1	.			17.0						17.0	47.0	4.4	682
	2	.			17.0						17.0	47.0	4.5	680
	3	.			17.0						17.0	47.0	4.3	681
	4	.			17.0						17.0	47.0	4.4	687
	5	.			17.0						17.0	47.0	4.5	681
	6	.			17.0						17.0	47.0	4.6	683
	7	.			17.0						17.0	47.0	4.4	687
	8	.			17.0						17.0	47.0	4.5	686
	9	.			17.0						17.0	47.0	4.4	680
	10	.			17.0						17.0	47.0	4.5	680
	11	.			17.0						17.0	47.0	4.4	681
	12	.			17.0						17.0	47.0	4.5	681
TOTALS	120	.			17.0						17.0	47.0	4.7	7740

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to center of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Means, standard deviations and standard deviations do not include measurements for
the entire month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.

- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

d. The relative humidity summary was not reported prior to 1946. Relative humidity usually was not reported prior to 1946, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DAILY TEMPERATURES

39-61

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN. A
0						1.1	3.1						1.1
1						2.9	3.2	2.3					2.8
2					2.4	18.9	21.2	20.0	9.1				6.1
3			1.1	1.3	21.5	55.6	64.2	65.2	36.2	3.4			21.1
4			2.8	17.5	52.0	85.5	92.6	90.8	68.2	22.4	8.8		36.5
5	1.0	3.4	14.2	47.7	78.1	96.2	98.3	98.3	85.3	48.9	8.3	1.1	49.1
6	5.3	11.5	30.8	67.8	91.9	99.1	99.8	99.7	93.9	70.3	26.2	6.9	59.3
7	17.1	26.3	50.5	85.4	97.4	99.8	100.0	100.0	97.7	86.3	45.9	19.1	69.2
8	31.3	41.9	67.1	94.7	99.7	99.8			99.4	95.4	66.5	34.7	77.8
9	48.9	57.4	81.5	98.5	99.9	100.0			100.0	98.4	81.0	54.4	85.1
10	63.7	72.5	90.7	99.9	100.0					99.6	91.2	70.8	90.6
11	77.9	85.0	96.1	100.0						100.0	97.1	85.1	95.2
12	88.5	93.9	99.4								99.3	93.9	97.9
13	96.1	98.5	99.9								99.8	98.7	99.4
14	98.6	99.7	100.0								99.9	99.8	99.8
15	99.9	99.9										99.9	100.0
16	100.0	100.0									100.0	100.0	100.0
MEAN	53.3	61.4	68.6	77.6	84.1	89.9	90.9	90.7	86.5	78.2	67.8	60.3	76.2
S.D.	1.718	1.695	9.849	7.332	6.429	5.440	4.743	4.650	6.772	7.397	9.020	9.723	14.377
TOTAL OBS	1302	1169	1269	1230	1333	1289	1332	1332	1290	1333	1258	1333	15477

USAFETAC FORM 0215-OL-1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC
 2250 FT BENNING GA

DAILY TEMPERATURES

39-81

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM DAILY OBSERVATIONS

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN. A.
2						3.5	8.1	5.5	1.4				1.6
3				.3	3.7	42.1	76.0	71.9	30.5	2.9	.1		19.4
4	.3	.3	1.5	5.9	31.0	79.7	96.6	94.5	64.5	11.2	1.3	.3	32.9
5	1.8	2.9	7.5	22.6	59.2	94.7	99.7	99.6	84.7	25.0	6.2	2.8	42.8
6	5.7	9.6	19.9	41.4	77.9	98.7	100.0	100.0	94.3	44.8	14.1	6.5	51.6
7	12.7	16.3	32.5	62.7	91.6	99.5			98.2	64.5	26.9	13.9	60.5
8	23.4	27.3	46.3	79.6	97.6	100.0			99.8	80.5	41.2	24.5	68.8
9	37.9	41.7	64.7	92.2	99.9				99.9	92.6	57.8	38.9	77.5
10	50.8	58.6	82.8	98.8	100.0				100.0	97.7	74.6	54.0	85.0
11	57.4	65.4	87.5	99.5						99.1	81.4	61.1	87.8
12	69.4	76.6	94.8	99.9						99.8	90.9	74.9	92.3
13	86.7	91.0	98.7	100.0						100.0	98.4	92.0	97.3
14	95.5	98.0	99.8								99.5	98.6	99.3
15	98.5	99.4	100.0								99.9	99.8	99.8
16	99.5	99.9									100.0	99.9	99.9
17	99.9	100.0										100.0	100.0
18	100.0												100.0
19													
20													
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100													
MEAN	36.1	38.0	44.4	52.2	60.0	67.9	71.0	70.5	65.6	52.9	42.5	37.3	53.2
STD	1.894	1.733	1.060	0.835	0.806	0.744	0.631	0.610	0.641	0.996	1.010	0.266	1.334
TOTAL OBS	1312	1169	1269	1237	1333	1289	1332	1332	1290	1333	1258	1333	15470

JOINT CLIMATOLOGY BRANCH

USAFETAC

ATMOSPHERIC WEATHER SERVICE/MAC

2210 FT BENNING GA

STATION

39-81

YEAR

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0					.2	.2	.6	.1					.1
1					.2	.7	12.5	9.9	1.7	.4			2.8
2				.2	7.3	43.7	71.8	69.7	31.3	1.7			19.6
3			1.1	6.0	38.2	86.8	97.4	96.4	67.1	9.5	.3	.1	34.2
4		.3	2.1	8.5	29.2	71.3	97.8	99.8	87.6	32.5	4.7	1.3	45.3
5		4.5	7.8	21.8	56.2	89.3	99.7	100.0	96.7	59.3	14.8	5.3	55.3
6		12.6	17.9	36.5	78.5	97.7	100.0		99.3	80.2	33.1	13.9	64.7
7		23.0	31.7	58.2	92.6	99.8			99.8	93.9	52.6	25.4	73.5
8		39.2	46.8	78.7	98.5	100.0			100.0	99.1	74.8	43.0	82.1
9		59.9	68.8	93.7	99					100.0	89.9	67.0	89.8
10		79.2	86.2	97.7	100.0						97.8	86.9	95.7
11		91.7	95.6	99.6							99.4	95.6	98.5
12		96.7	99.1	100.0							99.8	99.4	99.6
13		99.0	99.8								99.9	99.8	99.9
14		99.6	100.0								100.0	100.0	100.0
15		100.0											100.0
16													
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100													
MEAN	47.4	49.9	56.7	65.0	72.2	79.0	81.1	80.8	76.2	65.7	55.3	48.9	64.9
STANDARD DEVIATION	9.755	9.572	8.852	6.690	5.589	4.221	3.159	3.215	5.429	7.001	8.399	8.820	14.288
TOTAL HOURS	1362	1169	1269	1230	1333	1289	1332	1332	1290	1333	1258	1333	15470

USAFETAC FORM 10-2-5 (REV. 1-1-59) (PREVIOUS EDITIONS ARE OBSOLETE)

1
FEDERAL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE ZHAI

EXTREME VALUES

MAXIMUM TEMPERATURE

12 STATION: TAC, ZHAI, SA
STATION NAME

19-1

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
1		74	84	8	93	9	100	98	98	90	80	78	98
2		75	78	88	99	98	97	98	100	95	80	77	100
3		78	74	80	80	96	101	97	99	90	94	90	101
4		78	81	85	94	101	101	102	96	90	86	79	102
5		78	81	84	9	93	99	100	98	90	78	70	100
6		78	81	87	90	98	100	96	98	90	83	66	100
7		78	76	84	90	90	97	96	90	88	86	75	100
8		78	74	84	93	97	98	100	96	88	79	74	100
9		83	85	80	95	99	99	102	95	84	85	80	102
10		80	80	86	94	98	98	98	98	88	80	78	98
11		79	84	86	94	104	98	97	91	87	86	78	104
12		81	87	80	99	100	102	101	101	90	82	80	102
13		79	84	87	90	102	107	100	91	90	84	80	107
14		77	71	87	99	101	100	100	98	89	80	70	101
15		70	80	80	96	100	101	104	100	98	74	75	105
16		70	76	84	90	90	98	98	97	90	83	77	98
17		70	84	86	95	97	98	100	90	89	80	76	100
18		82	81	80	97	96	98	98	99	80	81	78	99
19		77	74	78	94	97	98	95	93	87	83	69	97
20		70	80	80	97	100	97	98	95	90	82	75	100
21		70	74	80	95	98	98	95	95	86	80	74	98
22		70	79	84	80	97	94	96	92	85	85	77	98
23		70	83	81	80	94	91	96	96	91	78	74	97
24		70	79	84	85	100	91	95	93	91	79	65	100
25		70	85	80	85	94	97	90	95	85	80	78	97
26		70	80	82	84	93	90	94	90	85	79	76	94
27		74	71	80	84	88	94	98	93	88	80	77	98
28		76	78	86	87	91	95	89	91	86	79	78	95
29		78	66	85	87	91	101	98	102	91	80	77	102
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM 0.88 5 (0.11)

(AT LEAST ONE DAY LESS THAN 24 OBS)

AD-A128 114 FORT BENNING GEORGIA REVISED UNIFORM SUMMARY OF SURFACE

4/5

FORT BENNING GEORGIA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL

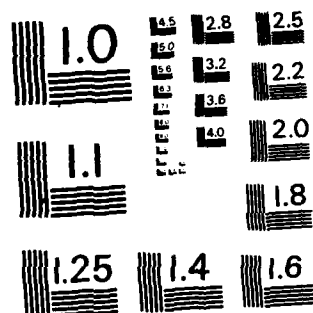
WEATHER OBSERVATI..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A., SEP 82

UNCLASSIFIED

TECHNICAL APPLICATIONS CENTER SCOT
USAFETAC/DS-82/064 SBI-AD-E850 363

F/G 4/2

NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

5 (AT LEAST ONE DAY LESS THAN 24 HRS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

72225
STATION

FT BENNING GA
STATION NAME

39-81
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
39					44	64	60	62	55	31	19	19	
40	9	20	27	29	40	58	60	63	44	35	19	25	9
41	25	22	25	43	41	58	66	66	53	40	28	28	28
42	15	25	31	32	46	61	69	62	48	37	28	27	18
43	24	18	19	36	48	70	70	60	52	33	28	20	18
44	26	25	29	32	43	60	64	62	59	34	29	20	20
45	24	25	37	41	45	60	70	62	60	38	24	18	18
46	23*	25			46	47	64	60	55	40	32	29	18
47	25	18	23	39	45	58	57	68	46	47	28	27	18
48	14	27	32	42	46	50	66	60	54	34	32	27	18
49	26	30	29	35	52	55	68	64	44	50	24	25	28
50	30	25	28	30	58	61	62	60	53	43	12	20	12
51	27	13	31	38	45	63	64	64	60	39	26	19	13
52	24	30	34	35	45	63	66	59	54	26	27	24	24
53	27	26	36	34	54	63	63	62	55	35	30	17	17
54	25	28*	27	41	44	52	69	65	58	29	28	24	24
55	23	20	23	40	51	54	70	69	61	31	22	20	20
56	21	30	28	39	44	49	63	63	49	48	21	24	21
57	19	31	32	39	47*	64*	67	60	55	31	33	18	18
58	21	12	35	39	41	61	62	63	55	37	29	22	22
59	18	25	28	37	50	67	67	67	58	40	22	25	18
60	17	24	19	33	42	58	68	67	56	40	32	16	16
61	15	27	35	39	47	60	67	62	50	31	24	17	18
62	13	24	26	34	43	64	64*	65	49	39	31	7	7
63	7	19	32	40	43	55	61	63	53	31	24	16	7
64	13	22	28	36	49	55	64	59	50	24	29	23	13
65	19	22	26	41	44	58	67	64	56	34	26	23	19
66	4	18	27	35	44	48	64	62	54	48	28	22	9
67	25	19	30	43	45	58	55	58	38	34	24	24	19
68	24	21	24	41	45	54	60	61	51	31	25	19	19
MEAN													
S. D.													
TOTAL OBS.													

NOTES - (BASED ON LESS THAN FULL RECORD)

1210 WS FORM 0-88-5 (OL1)

(AT LEAST ONE DAY LESS THAN 24 OBS)

1

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

722250
STATION

FT BENNING GA

39-81

STATION

STATION NAME

YEARS

[illegible]

1210 WS FORM 0-88-5 (OLI)

(AT LEAST ONE DAY LESS THAN 24 HRS)

PSYCHROMETRIC SUMMARY

JAN

MONTH

0500-0260

HOVMS (1 5 2 1)

[illegible]

PSYCHROMETRIC SUMMARY

73-31

499

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0000-0200

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7022- FT WENING SA 73-81 JAN
STATION MONTH
PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL																														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31				Dry Bulb	Wet Bulb	Dew Point																												
7 / 67		.4																	3	3	3																														
6 / 65		.2		.2															4	4		3																													
5 / 63	.1	1.1	.4																13	13	4	3																													
4 / 61	.1	.6	.6																15	15	15	11																													
3 / 59	.1	2.4	.7																37	37	21	19																													
2 / 57	.4	.6	.1																9	9	28	17																													
5 / 55	.7	1.9	.2	.1															25	25	18	30																													
4 / 53	.7	1.7	1.2	.2	.1														27	27	22	18																													
3 / 51	.4	2.4	1.6	.1	.1														42	42	22	21																													
5 / 49	.4	2.6	1.3	.1			.4												40	40	42	22																													
4 / 47	.1	3.3	1.4	.5	.2														47	47	32	37																													
3 / 45	.4	2.3	.2	.5	.9														37	37	39	38																													
4 / 43	.4	3.2	1.4	.2	.1														46	46	43	27																													
2 / 41	.6	1.7	1.1	.5	.2														34	34	39	37																													
4 / 39	.3	3.1	1.5	1.1	.4														54	54	36	41																													
5 / 37	.1	2.3	1.7	.4	.2														39	39	47	29																													
7 / 35		2.9	.4	.7	.2														39	39	38	26																													
3 / 33		3.1	1.3	.6															46	46	50	25																													
2 / 31	.7	4.7	1.4	1.2	.2														69	69	43	49																													
1 / 29	.3	2.9	.7	.8															44	44	62	50																													
7 / 27	.1	3.3	1.1	.1															40	40	50	50																													
5 / 25	.1	2.8	2.2																44	44	53	37																													
7 / 23		2.2	1.9	.2															36	36	39	35																													
2 / 21	.4	1.1	1.3	.1															24	24	45	31																													
7 / 19	.1	.6	.7	.1															13	13	19	43																													
7 / 17	.1		.1																2	2	13	23																													
1 / 15		.1	.1																2	2	5	18																													
1 / 13	.1	.1																	2	2	3	24																													
1 / 11	.2	.1																	3	3	4	31																													
1 / 9																					1	20																													
7 / 7																						12																													
7 / 5																						5																													
7 / 3																						4																													
7 / 1																						1																													
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ																												
Rel. Hum.																																																			
Dry Bulb																																																			
Wet Bulb																																																			
Dew Point																																																			
Mean No. of Hours with Temperature																																																			
		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total																																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-61

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 7

0300-0500

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
- / -																							
- / -																							
- / -																							
- / -11																							
-1 / -13																							
TOTAL	1	2	3	22	6	1	7	9	2	3	4								836	836	836		

Element (X)	Σ X'	Σ X	X	°A	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5325495	55435	75.3	15.73	836	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1433743	33163	39.7	11.86	836		31.0	0.1				93
Wet Bulb	1287354	31211	37.3	12.15	836		37.5	0.1				93
Dew Point	1101491	27645	33.1	14.97	836	0.5	48.8					93

PSYCHROMETRIC SUMMARY

7022:0 FT RENNIS, G SA

73-31

452

STATION

STATION NAME

YEARS

MONTH

PAGE 1

100-3897

HOURS 11, 5, 7.

PSYCHROMETRIC SUMMARY

73-51

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

٢٠٠٠

JA 1

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS 1 5 7 9

[illegible]

SEALING UNIT TESTED BY: HANON
 UNIT: TAC
 AIR: PATENT: 357111 / MAC

PSYCHROMETRIC SUMMARY

STATION: 1000 STATION NAME: 13-01 YEARS: MONTH: JAN. 0700-1100
 HOURS: 11.5.100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL lb Wet Bulb Dew Point		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		D.B./W.B.	
100																																		872	872
95																																			
90																																			
85																																			
80																																			
75																																			
70																																			
65																																			
60																																			
55																																			
50																																			
45																																			
40																																			
35																																			
30																																			
25																																			
20																																			
15																																			
10																																			
5																																			
0																																			

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$	
Rel. Hum.	443.416	51.1	1.019	4.53	50							53
Dry Bulb	1675434	5540	4.0	11.77	50			14.1	1.2			93
Wet Bulb	1449451	5337	4.0	11.45	50			27.8	.2			93
Dew Point	158774	534	3.0	15.173	50			44.2	.1			93

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

[illegible]

BUHAL CLIMATELOGY STATION
USAFETAC
AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

112 PT. BERNING, GA 30101 JAN 1964-1965
STATION STATION NAME YEARS MONTH
PAGE 1 10 17.0
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Dry Bulb	Wet Bulb	Dew Point	
7 / 77																																	9	9		
7 / 77																																	11	11		
7 / 77																																	19	19		
7 / 77																																	22	22		
7 / 77																																	42	42	5	1
7 / 77																																	45	45	18	4
7 / 77																																	57	57	33	13
7 / 77																																	37	37	43	17
7 / 77																																	51	51	43	23
7 / 77																																	49	49	38	33
7 / 77																																	45	45	37	25
7 / 77																																	42	42	34	26
7 / 77																																	45	45	32	24
7 / 77																																	37	37	29	15
7 / 77																																	48	48	26	3
7 / 77																																	58	58	28	50
7 / 77																																	45	45	24	27
7 / 77																																	39	39	46	33
7 / 77																																	33	33	43	29
7 / 77																																	21	21	50	21
7 / 77																																	15	15	42	39
7 / 77																																	11	11	32	14
7 / 77																																	8	8	26	43
7 / 77																																	4	4	27	35
7 / 77																																	1	1	15	29
7 / 77																																			14	37
7 / 77																																			2	27
7 / 77																																			1	37
7 / 77																																				22
7 / 77																																				27
7 / 77																																				24
7 / 77																																				22
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		No. Obs.		Mean No. of Hours with Temperature						Total																			
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONTH

PAGE 2 1513-1700
HOURS 10.5.7.1

[illegible]

PSYCHROMETRIC SUMMARY

73-51

449

STATION

STATION NAME

YEARS

MONTH

PAGE 1

14-0-2500

HOURS 4, 5, 7, 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
7 / 7																																					
7 / 7																																					
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PSYCHROMETRIC SUMMARY

73-61

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1800-2000

HOURS 11:55 - 1:15

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
/																							16												
/																							4												
/																							6												
/																							1												
71.2	1.6	1.6	3.2	4.7	7.1	7.4	1.7	7.6	1.8	.6										83.2	83.2	83.2													

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/IAO

PSYCHROMETRIC SUMMARY

7122 FT HENNING GA

73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 55																		1	1																
7 / 67																		2	2																
37 / 55			.7	.7	.5													13	13	3	1														
47 / 53	.1	1.1	.6	.1														15	15	3	6														
7 / 51	.0	1.4	1.1	.5	.1													34	34	21	17														
7 / 53		1.2	.2	.2	.4													17	17	76	12														
7 / 57	.4	2.4	.6	.1	.2													32	32	72	25														
5 / 55	.4	.7	1.3	.5	.2													27	27	25	27														
47 / 53	.1	1.2	1.3	.2	.6	.1	.1											32	32	34	15														
7 / 51	.1	1.7	.9	.6	.4													39	39	31	31														
5 / 57	.1	3.4	1.1	.7	.5	.4	.1											54	54	35	19														
7 / 47	.1	3.1	.9	1.7	.3	.5	.1											60	67	47	36														
47 / 45	.1	2.4	2.2	1.1	.7													53	53	45	41														
7 / 41		1.3	1.2	.3	.7													38	38	37	37														
7 / 41	.4	2.3	1.5	.8	1.1	.1	.1											62	62	59	22														
7 / 37		1.9	1.6	1.1	.5	.1												42	42	47	35														
7 / 37	.1	1.8	1.2	.3	.4	.1												45	45	55	47														
7 / 25	.4	1.2	1.5	1.1	.5													47	47	47	47														
7 / 23	.1	1.1	2.3	.9	.2													33	33	46	29														
7 / 31		2.2	2.6	1.3	.0													60	67	46	45														
7 / 27	.5	2.3	1.3	1.1	.2													60	67	54	35														
7 / 27		1.1	1.6	1.2														72	72	45	43														
7 / 25		.4	.7	.2														11	11	57	45														
7 / 23	.2	.2	1.2															14	14	40	22														
7 / 21			.5															4	4	14	3														
7 / 17			.1															1	1	12	38														
7 / 17		.1																1	1	1	23														
7 / 13																				1	12														
7 / 11																					33														
7 / 7																					29														
7 / 7																					16														
7 / 7																					16														
7 / 3																					4														
7 / 3																					0														
Element (X)	Σ x'			Σ x			Σ			Σ _n			No. Obs.			Mean No. of Hours with Temperature						Total													
Rel. Hum.																≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F														
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL-A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

7-22. FBI BUREAU 6A

73-61

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
/																						1
/ -																						834
TOTAL		.334	.331	.417	.7	.1	1.3	.6											834		834	834

PSYCHROMETRIC SUMMARY

73-51

JAN

STATION

STATION NAME

YEARS

LAQUN TM

PAGE 1

A11

HOURS 11. 5. 7.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 75						.1		.1										8	3																
7 / 77						.1		.1										11	11																
7 / 75				.1	.1	.1	.1	.1										15	15																
7 / 71			.1	.1	.1	.2	.1	.1	.1	.1								33	33																
7 / 71			.1	.1	.1	.2	.1	.1	.1	.1								45	45	1															
7 / 69		.1	.1	.1	.2	.2	.1	.1	.1	.1	.1							77	77	9	2														
7 / 67		.3	.2	.2	.3	.3	.1	.1	.1	.1	.1	.1						105	105	27	7														
7 / 65	.1	.5	.4	.5	.4	.1	.1	.2	.3	.1	.1							152	152	58	25														
7 / 63	.7	.9	.7	.3	.3	.1	.1	.3	.3	.3	.1							197	197	95	63														
7 / 61	.9	1.3	.3	.2	.2	.2	.3	.3	.3	.1	.1							249	249	186	109														
7 / 59	.9	1.3	.7	.3	.3	.3	.4	.1	.1	.1	.1							275	275	245	152														
7 / 57	.9	1.1	.5	.3	.3	.3	.3	.3	.3	.1	.1							323	323	297	204														
7 / 55	.7	1.1	.5	.4	.7	.4	.3	.4	.7	.1	.1							351	351	323	232														
7 / 53	.7	1.1	1.1	.5	.7	.3	.3	.7	.1									398	398	371	265														
7 / 51	.5	1.5	1.3	.4	.4	.3	.4	.7										344	344	251	195														
7 / 49	.4	2.1	.4	.5	.4	.4	.5	.1										345	345	342	162														
7 / 47	.2	2.5	.7	.3	.3	.4	.4	.7										343	343	350	267														
7 / 45	.1	2.4	1.4	.4	.4	.4	.4	.7										437	437	350	322														
7 / 43	.1	1.5	1.1	.3	.7	.4	.1	.1										333	333	377	242														
7 / 41	.3	1.6	1.3	.7	.4	.5	.1											361	361	369	228														
7 / 39	.1	1.8	1.5	.8	.7	.4	.1											357	352	341	282														
7 / 37	.1	1.3	1.5	.4	.5	.4												369	370	402	235														
7 / 35	.1	1.5	1.1	1.1	.3	.1												319	319	321	283														
7 / 33	.3	1.4	1.7	.6	.3	.1												248	268	394	237														
7 / 31	.4	2.4	1.4	1.1	.3													378	378	363	379														
7 / 29	.3	1.7	1.1	.3	.1													263	268	407	337														
7 / 27	.1	1.1	.7	.4	.1													174	174	320	297														
7 / 25	.2	1.1	1.1	.3	.1													170	170	278	327														
7 / 23	.1	.5	.7	.1														101	101	221	214														
7 / 21	.1	.5	.6	.1														85	85	154	262														
7 / 19	.1	.3	.3	.1														46	46	91	302														
7 / 17	.1	.3	.1															13	14	46	196														
7 / 15	.1	.1	.1															5	6	17	170														
7 / 13	.1	.1	.1															4	4	8	189														
Element (X)	Σ x ²	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

1012 FT 42-14163-3A

73-1

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-51

FFI

STATION

STATION NAME

YEARS

MONTI

PAGE 1

1950-1951

HOURS - L, S, T.

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

[illegible]

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

STATION NAME

YEARS

Figure 2

WOLVES ...

USAFETAC

MON T 4

[illegible][illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 01-27-2001 BY 60322 UCBAW/ML

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B. Dry Bulb	Wet Bulb	Dew Point	
70																																		70.0	70.0	70.0
71																																		71.0	71.0	71.0
72																																		72.0	72.0	72.0
73																																		73.0	73.0	73.0
74																																		74.0	74.0	74.0
75																																		75.0	75.0	75.0
76																																		76.0	76.0	76.0
77																																		77.0	77.0	77.0
78																																		78.0	78.0	78.0
79																																		79.0	79.0	79.0
80																																		80.0	80.0	80.0
81																																		81.0	81.0	81.0
82																																		82.0	82.0	82.0
83																																		83.0	83.0	83.0
84																																		84.0	84.0	84.0
85																																		85.0	85.0	85.0
86																																		86.0	86.0	86.0
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88																																		88.0	88.0	88.0
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91																																				

USAFETAC
FORM
JAN 66
0 26 5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-25-2010 BY 60322 UCBAW/AL

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PAGE 1 1000-1400
 HOURS L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PAGE 2 1500-17 HOURS 05.1

[illegible]

1. NAME OF STATION: K. RANCH
 2. LOCATION: ...
 3. DATE: 10/10/73

PSYCHROMETRIC SUMMARY

STATION: K. RANCH STATION NAME: K. RANCH YEARS: 73-74
 MONTH: OCTOBER
 PAGE: 1 OF 1
 HOURS: 10.5

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
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26																					
27																					
28																					
29																					
30																					
31																					
TOTAL																		75.9	75.9	75.9	75.9

Element (X)	ΣX	ΣX^2	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1115.5	1244.5	35.98	21.52	75	0 F	32 F	67 F	73 F	80 F	93 F	84
Dry Bulb	1115.5	1244.5	35.98	21.52	75		10.1					84
Wet Bulb	1115.5	1244.5	35.98	21.52	75		5.9					84
Dew Point	1115.5	1244.5	35.98	21.52	75							84

1. The first step is to identify the problem. This involves understanding the current situation and the goals that need to be achieved.

MONTH _____
 DAY _____
 HOURS _____

USAFETAC FORM JUL 84 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC 0.265 (OLA) 07-100 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM JUL 84

444

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14. 10. 2000

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[illegible]

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																																TOTAL		TOTAL															
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70																																																		
71																																																		
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Element (X)	ΣX																																ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature								Total	
Rel Hum																																									± 0 F ± 32 F ± 67 F 73 F ± 80 F ± 93 F									
Dry Bulb																																																		
Wet Bulb																																																		
Dew Point																																																		

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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DATE 01-21-2009 BY 60322 UCBAW

STAT. ON NAME

YEARS

MON'

• • •

00-130
HOURS 12.5.7.

[illegible]

PSYCHROMETRIC SUMMARY

STATION NO. 75-41
 STATION NAME
 YEARS 1960-1961
 MONTH
 HOURS

Temp (F)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
75																																				
76																																				
77																																				
78																																				
79																																				
80																																				
81																																				
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No. Obs.																																				
Mean No. of Hours with Temperature																																				
Rel. Hum.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 44 0-26-5 (OL A) REPROD REPRODUCED BY THIS NAME ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

4A2

STATION

STATION NAME

YEARS

MONTH

2455

1009-1400

HOURS 11.5. 2.

[illegible]

PSYCHROMETRIC SUMMARY

| | | | |
|---------|--------------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH |
| | | | |

PAGE 1 1000-170

HOURS 11.5

[illegible]

U.S. AIR FORCE
 10-1-57
 AIR FORCE

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 PAGE 1 1500-171
 HOURS 11.5.7

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | Z ₁ | Z ₂ | X | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|----------------|----------------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 47.54 | 77.37 | 4.12 | 419 | | | | | | | |
| Dry Bulb | 47.11 | 75.1 | 6.4 | 434 | | | | | | | |
| Wet Bulb | 47.17 | 75.1 | 6.4 | 437 | | | | | | | |
| Dew Point | 17.536 | 71.1 | 44.13 | 437 | | | | | | | |

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

YEARS

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| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|------------|-----------|------------|----------|-----------|------------|------------|------------|------------|------------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--------------------|--------------------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. Dry Bulb | Wet Bulb Dew Point | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | $\Sigma X'$ | ΣX | \bar{X} | σ_x | No. Obs. | $\pm 0 F$ | $\pm 32 F$ | $\pm 67 F$ | $\pm 73 F$ | $\pm 80 F$ | $\pm 93 F$ | Total | | | | | | | | | | | | | | | | | | | | | | | |
| Rel Hum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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Page 1 of 2

HOURS 5.9

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PSYCHROMETRIC SUMMARY

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1. 1990-1991
 2. 1991-1992
 3. 1992-1993

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PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH | PAGE | HOURS |
|---------|--------------|-------|-------|-----------|-------|
| 02 | 02 | 70-71 | APR | 1500-1700 | 05.10 |

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|--------------|-------------------------------------|------------|-----------|---------|----------|------------------------------------|--------|--------|--------|--------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-------|------------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B., W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 77 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 14537 | 1503 | 44.1 | 19.51 | 4 | = 0 F | = 32 F | = 67 F | = 73 F | = 80 F | = 93 F | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 471457 | 11703 | 76.5 | 7.429 | 157 | | | 74.4 | 65.4 | 56.4 | | 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 314571 | 5103 | 57.8 | 6.73 | 87 | | | 26.4 | 1.3 | | | 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 10937 | 1111 | 51.1 | 5.37 | 27 | | 4.3 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | APR | MONTH | FAST | HOURS |
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| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|------------|-----------|-------|----------|-------|--------|--------|--------|--------|------------------------------------|-------|-------|-------|-------|-------|-------|-----|------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1 | 2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| Element X: | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel Hum | | | | | | - 0 F | - 32 F | + 67 F | + 73 F | + 80 F | + 93 F | Total | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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PSYCHROMETRIC SUMMARY

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YEARS

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

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| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-----------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | +31 | D.B., W.B. | Dry Bulb | Wet Bulb | Dew Point |

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|---|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|----|----|----|----|----|----|----|------|------|----------|----------|-----------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
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| / | | | | | | | | | | | | | | | | | | 1.3 | 1.7 | 1.1 | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | 2.4 | 4.7 | 1.5 | 1.5 | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | 2.5 | 7.3 | 1.4 | 1.4 | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | 4.7 | 1.4 | .7 | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | 4.7 | .4 | .5 | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | 1.1 | 1.1 | 1.1 | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | 7.3 | 1.1 | .3 | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | 1.1 | 1.1 | .6 | .5 | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | 1.1 | 1.1 | .5 | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | 1.1 | 1.1 | .5 | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | 1.1 | 1.1 | .5 | | | | | | | | | | | | | | | | |
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| / | | | | | | | | | | | | | | | | | | 1.1 | 1.1 | .5 | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | 1.1 | 1.1 | .5 | | | | | | | | | | | | | | | | |
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| / | | | | | | | | | | | | | | | | | | 1.1 | 1.1 | .5 | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | 1.1 | 1.1 | .5 | | | | | | | | | | | | | | | | |
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| / | | | | | | | | | | | | | | | | | | 1.1 | 1.1 | .5 | | | | | | | | | | | | | | | | |
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HOURS 11:30 - 12:00

[illegible]

USAFETAC
FORM 0-26-5 (OLA)
MAY 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

| Temp
°F | WET BULB TEMPERATURE DEPRESSION (°F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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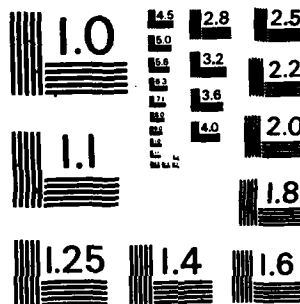
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| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 7 / 76 | | .2 | .2 | .2 | | | | | | | | | | | | | | 6 | 6 | | | |
| 7 / 77 | | 1.5 | 1.3 | .5 | | | | | | | | | | | | | | 27 | 27 | 3 | 2 | |
| 6 / 75 | .5 | 6.1 | 6.8 | 1.2 | | | | | | | | | | | | | | 120 | 127 | 24 | 11 | |
| 4 / 73 | 1.9 | 17.2 | 12.8 | 1.1 | | | | | | | | | | | | | | 273 | 273 | 113 | 67 | |
| 7 / 71 | 2.9 | 17.3 | 7.8 | .4 | .4 | | | | | | | | | | | | | 236 | 236 | 246 | 201 | |
| 7 / 69 | 1.5 | 6.9 | 3.1 | .9 | .2 | | | | | | | | | | | | | 99 | 99 | 231 | 265 | |
| 6 / 67 | .2 | 1.7 | 1.4 | .1 | | | | | | | | | | | | | | 35 | 35 | 86 | 140 | |
| 6 / 65 | .3 | 1.5 | .1 | | | | | | | | | | | | | | | 17 | 17 | 42 | 71 | |
| 4 / 63 | | 1.1 | .1 | | | | | | | | | | | | | | | 9 | 9 | 22 | 34 | |
| 4 / 61 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 15 | 16 | |
| 4 / 59 | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 11 | |
| 4 / 57 | | | | | | | | | | | | | | | | | | | | 1 | 8 | |
| TOTAL | 7.6 | 53.4 | 34.7 | 4.4 | .6 | | | | | | | | | | | | | | | 826 | 826 | |

| Element (X) | Z _h | Z _k | X | σ _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|----------------|----------------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 663963 | 73885 | 89.4 | 6.101 | 826 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | 4524545 | 59725 | 72.5 | 2.775 | 826 | | | 89.6 | 48.0 | .1 | | 93 |
| Wet Bulb | 4072575 | 57951 | 70.3 | 2.616 | 826 | | | 83.7 | 15.8 | | | 93 |
| Dew Point | 5950506 | 57764 | 69.2 | 3.185 | 826 | | | 77.2 | 9.0 | | | 93 |

PSYCHROMETRIC SUMMARY

YEARS

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-81

AUG

STATION

STATION NAME

YEARS

PAGE 1

MON 7 H

0900-1100

HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 17 85 | | | | | | | | .1 | .1 | | | | | | | | | 2 | 2 | | | |
| 17 93 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | | |
| 17 91 | | | | | .1 | .2 | .2 | .8 | .1 | | | | | | | | | 13 | 13 | | | |
| 17 89 | | | | | .4 | 1.7 | 1.6 | 1.0 | | | | | | | | | | 38 | 39 | | | |
| 17 87 | | | | .4 | 1.7 | 4.2 | 2.5 | .5 | | | | | | | | | | 74 | 74 | | | |
| 17 85 | | | .1 | 1.1 | 5.6 | 4.9 | .7 | .1 | | | | | | | | | | 105 | 105 | | | |
| 17 83 | | | 1.1 | 4.2 | 5.7 | 2.4 | .8 | .2 | | | | | | | | | | 127 | 127 | 1 | | |
| 17 81 | | .1 | 1.9 | 8.6 | 4.1 | 1.1 | .5 | .2 | | | | | | | | | | 138 | 138 | 17 | 1 | |
| 17 79 | | .8 | 4.2 | 7.6 | 3.3 | 1.3 | .5 | | | | | | | | | | | 139 | 139 | 65 | 12 | |
| 17 77 | | .7 | 6.6 | 2.5 | 1.4 | .2 | .1 | | | | | | | | | | | 97 | 97 | 184 | 38 | |
| 17 75 | 1.1 | 3.7 | 1.2 | .8 | .2 | | | | | | | | | | | | | 57 | 57 | 242 | 117 | |
| 17 73 | 1.3 | 1.3 | .5 | .2 | | | | | | | | | | | | | | 28 | 28 | 189 | 241 | |
| 17 71 | .1 | .8 | .8 | | | | | | | | | | | | | | | 11 | 11 | 68 | 268 | |
| 17 69 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 37 | 116 | |
| 17 67 | | | | | | | | | | | | | | | | | | | | 22 | 34 | |
| 17 65 | | | | | | | | | | | | | | | | | | | | 9 | 38 | |
| 17 63 | | | | | | | | | | | | | | | | | | | | 1 | 19 | |
| 17 61 | | | | | | | | | | | | | | | | | | | | | 16 | |
| 17 59 | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | | 4.21 | .926 | .822 | .415 | .3 | 6.8 | 7.0 | .2 | | | | | | | | | 833 | | 834 | 833 | |

| Element (X) | Σ g ¹ | Σ g | Σ | g ₂ | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------------|-------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 449555 | 6655 | 72.8 | 9.638 | 833 | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 88 F | ≥ 93 F | 95 |
| Dry Bulb | 3590686 | 88184 | 81.8 | 4.415 | 834 | | | 95.0 | 91.4 | 83.8 | .3 | 95 |
| Wet Bulb | 4693451 | 62477 | 75.7 | 5.008 | 833 | | | 91.9 | 77.9 | 4.2 | | 95 |
| Dew Point | 4529946 | 59997 | 72.0 | 5.407 | 833 | | | 85.8 | 45.7 | .3 | | 95 |

PSYCHROMETRIC SUMMARY

AUG

1200-1400

HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL
D.S./W.S. | TOTAL | | |
|--------------|-------------------------------------|-------|------------------|------------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 1 27 11 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | | | | | |
| 1 37 19 | | | | | | | | | | .1 | .2 | .1 | | | | | | 4 | 4 | | | | | | |
| 2 27 97 | | | | | | | | | | .2 | .5 | .2 | | | | | | 8 | 8 | | | | | | |
| 3 57 95 | | | | | | | | 1.0 | 1.4 | 1.2 | .2 | | | | | | | 32 | 32 | | | | | | |
| 4 7 83 | | | | | | .1 | .8 | 3.2 | 3.5 | .7 | .2 | .1 | | | | | | 73 | 73 | | | | | | |
| 5 7 91 | | | | | .4 | .4 | 3.8 | 8.5 | 4.0 | 1.2 | .2 | | | | | | | 152 | 152 | | | | | | |
| 6 7 89 | | | | | .4 | 3.2 | 8.3 | 6.1 | 1.3 | 1.1 | | | | | | | | 173 | 170 | | | | | | |
| 7 87 87 | | | | .2 | .9 | 6.1 | 5.8 | 2.3 | 1.4 | .1 | | .1 | | | .1 | | | 141 | 141 | | | | | | |
| 8 7 85 | | | .1 | .2 | 1.2 | 6.4 | 1.2 | 1.0 | .6 | .2 | | | | | | | | 92 | 92 | | | | | | |
| 9 7 83 | | | | .8 | 3.6 | .8 | .7 | .6 | .6 | | | | | | | | | 60 | 60 | 4 | | | | | |
| 10 7 81 | | | .6 | 1.6 | 1.1 | .7 | .8 | .4 | | | | | | | | | | 43 | 43 | 44 | | | | | |
| 11 7 79 | | | .5 | .7 | .4 | | | | | | | | | | | | | 13 | 13 | 153 | | | | | |
| 12 7 77 | | .2 | .8 | .5 | .4 | | | | | | | | | | | | | 16 | 16 | 269 | | | | | |
| 13 7 75 | | .4 | .8 | .9 | .5 | | | | | | | | | | | | | 18 | 18 | 196 | | | | | |
| 14 7 73 | | .2 | .4 | .2 | | | | | | | | | | | | | | 7 | 7 | 85 | | | | | |
| 15 7 71 | | | .5 | | | | | | | | | | | | | | | 4 | 4 | 206 | | | | | |
| 16 7 69 | | | | | | | | | | | | | | | | | | | | 27 | | | | | |
| 17 7 67 | | | | | | | | | | | | | | | | | | | 12 | 52 | | | | | |
| 18 7 65 | | | | | | | | | | | | | | | | | | | | 37 | | | | | |
| 19 7 63 | | | | | | | | | | | | | | | | | | | | 25 | | | | | |
| 20 7 51 | | | | | | | | | | | | | | | | | | | | 14 | | | | | |
| 21 7 59 | | | | | | | | | | | | | | | | | | | | 9 | | | | | |
| 22 7 53 | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| TOTAL | | .8 | 3.8 | 4.8 | 8.4 | 17.7 | 21.5 | 23.0 | 13.8 | 5.2 | 1.3 | .4 | | | | | | 834 | 834 | 834 | | | | | |
| Element (X) | Σ X ¹ | Σ X | Σ X ² | Σ X ³ | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 2964985 | 48965 | 58.7 | 10.408 | 834 | ≤ 6 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | | | | |
| Dry Bulb | 6485309 | 73435 | 88.1 | 4.808 | 834 | | | 93.0 | 92.6 | 87.4 | 13.2 | 93 | | | | | | | | | | | | | |
| Wet Bulb | 4886649 | 63793 | 76.5 | 2.919 | 834 | | | 93.0 | 83.7 | 10.5 | | 93 | | | | | | | | | | | | | |
| Dew Point | 4275782 | 59636 | 71.5 | 3.708 | 834 | | | 83.4 | 40.4 | .2 | | 93 | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

72225 FT BENNING GA

73-81

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOUSE 11-3-71

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 1 27/ 1 | | | | | | | | | | | .1 | | .1 | | | | | 2 | 2 | | | | | |
| 1 37/ 99 | | | | | | | | | | .1 | .1 | .4 | .2 | | | | | 7 | 7 | | | | | |
| 37/ 97 | | | | | | | | | .2 | .2 | .4 | .4 | .5 | | | | | 14 | 14 | | | | | |
| 46/ 95 | | | | | | | | .4 | 2.8 | 2.8 | 1.7 | .4 | | | | | | 66 | 66 | | | | | |
| 47/ 93 | | | | | | | 1.2 | 3.1 | 4.3 | 5.0 | 1.7 | | | | | | | 126 | 126 | | | | | |
| 7/ 91 | | | | | | .6 | 2.9 | 6.8 | 5.6 | 1.8 | .5 | | | | | | | 152 | 152 | | | | | |
| 7/ 89 | | | | | .5 | 1.2 | 4.3 | 6.2 | 1.6 | 1.8 | | | | | | | | 130 | 130 | | | | | |
| 8/ 87 | | | | .2 | .5 | 2.9 | 3.8 | 1.1 | 1.3 | .5 | .1 | | | | | | | 87 | 87 | | | | | |
| 8/ 85 | | | .1 | .4 | 1.1 | 4.0 | 1.6 | 1.0 | .5 | .4 | | | | | | | | 73 | 73 | | | | | |
| 4/ 83 | | .1 | .5 | 1.2 | 1.3 | .8 | .7 | .1 | .6 | | | | | | | | | 45 | 45 | 5 | | | | |
| 7/ 81 | | | .4 | 1.1 | 1.1 | .7 | .5 | .1 | | | | | | | | | | 36 | 36 | 37 | | | | |
| 7/ 79 | .1 | | .7 | 1.4 | .8 | .6 | .1 | | | | | | | | | | | 32 | 32 | 127 | | | | |
| 7/ 77 | | .4 | 1.3 | .2 | .5 | | | | | | | | | | | | | 21 | 21 | 246 | | | | |
| 6/ 75 | | 1.1 | 1.4 | .4 | | .1 | | | | | | | | | | | | 25 | 25 | 218 | | | | |
| 4/ 73 | .2 | .6 | .7 | | | | | | | | | | | | | | | 13 | 13 | 99 | | | | |
| 7/ 71 | | .1 | .4 | .1 | | | | | | | | | | | | | | 5 | 5 | 70 | | | | |
| 7/ 69 | | | | | | | | | | | | | | | | | | | | 26 | | | | |
| 5/ 67 | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| 6/ 65 | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 4/ 63 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 61 | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 59 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 57 | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .4 | 2.3 | 5.5 | 5.6 | 5.4 | 17.9 | 14.9 | 19.1 | 17.0 | 12.7 | 4.8 | 1.1 | .1 | | | | | 834 | 834 | 834 | | | | |

| Element (X) | Σ ₂ | Σ _K | Σ | Σ _g | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|----------------|----------------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 286.73 | 47594 | 37.1 | 13.153 | 834 | ≥ 6 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 655825 | 73804 | 88.3 | 3.698 | 834 | | | 95.0 | 92.4 | 84.4 | 24.0 | 93 |
| Wet Bulb | 4446934 | 63334 | 76.2 | 2.683 | 834 | | | 92.6 | 81.6 | 9.3 | | 93 |
| Dew Point | 4193171 | 59051 | 73.6 | 3.610 | 834 | | | 81.6 | 31.6 | .3 | | 93 |

PSYCHROMETRIC SUMMARY

172225 FT BELLEVILLE GA

73-81

AUG

STATION

STATION NAME

YEARS

PAGE 1

1800-2000

MOVAS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AU 3

STATION

STATION NAME

YEARS

WOMEN

PAGE 1

2100-2300

HOURS (L, S, T,)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

MONTH

ALL

HOURS (L, S, T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | =31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 1 27/1 | 1 | | | | | | | | | | .0 | | .0 | | | | | 3 | 3 | | | | | |
| 1 27/19 | 19 | | | | | | | | | .7 | .0 | .1 | .0 | | | | | 12 | 12 | | | | | |
| 1 27/97 | 97 | | | | | | | | | .3 | .1 | .1 | .1 | .1 | | | | 24 | 24 | | | | | |
| 1 27/95 | 95 | | | | | | | | .7 | .2 | .6 | .5 | .3 | .1 | | | | 109 | 109 | | | | | |
| 1 27/53 | 53 | | | | | | .0 | .3 | .9 | 1.0 | .8 | .3 | .0 | | | | | 213 | 213 | | | | | |
| 1 27/91 | 91 | | | | | .7 | .2 | 1.7 | 2.2 | 1.4 | .4 | .1 | | | | | | 350 | 350 | | | | | |
| 1 27/85 | 85 | | | | .1 | .2 | .8 | 3.1 | 2.0 | .5 | .4 | .0 | | | | | | 401 | 402 | | | | | |
| 1 27/87 | 87 | | | .7 | .1 | .9 | 2.1 | 1.9 | .6 | .4 | .1 | .0 | .0 | | | | | 385 | 385 | | | | | |
| 1 27/55 | 55 | | | .2 | .4 | 1.4 | 2.4 | .6 | .3 | .2 | .1 | | | | | | | 369 | 369 | 1 | | | | |
| 1 27/83 | 83 | | .1 | .3 | 1.4 | 2.2 | .8 | .3 | .2 | .2 | | | | | | | | 364 | 364 | 14 | | | | |
| 1 27/81 | 81 | | .1 | .9 | 2.4 | 1.3 | .9 | .7 | .1 | .7 | | | | | | | | 373 | 373 | 118 | | | | |
| 1 27/79 | 79 | .1 | .5 | 2.2 | 3.1 | .8 | .5 | .1 | .0 | | | | | | | | | 464 | 464 | 426 | | | | |
| 1 27/77 | 77 | .1 | 1.7 | 4.6 | 2.7 | .7 | .1 | .1 | | | | | | | | | | 602 | 602 | 935 | | | | |
| 1 27/75 | 75 | .3 | 4.5 | 6.4 | 1.4 | .3 | .1 | .7 | | | | | | | | | | 876 | 876 | 1195 | | | | |
| 1 27/73 | 73 | .9 | 8.7 | 3.6 | .7 | .1 | .1 | | | | | | | | | | | 1023 | 1023 | 1281 | | | | |
| 1 27/71 | 71 | 1.1 | 5.7 | 3.7 | .3 | .1 | .1 | | | | | | | | | | | 679 | 679 | 1365 | | | | |
| 1 27/69 | 69 | .4 | 1.9 | 1.1 | .2 | .1 | .7 | | | | | | | | | | | 246 | 247 | 753 | | | | |
| 1 27/67 | 67 | .3 | .6 | .6 | .1 | | | | | | | | | | | | | 91 | 91 | 305 | | | | |
| 1 27/65 | 65 | .1 | .5 | .1 | | | | | | | | | | | | | | 44 | 44 | 137 | | | | |
| 1 27/63 | 63 | | .2 | .7 | | | | | | | | | | | | | | 16 | 16 | 81 | | | | |
| 1 27/51 | 51 | | .1 | | | | | | | | | | | | | | | 4 | 4 | 34 | | | | |
| 1 27/59 | 59 | | .1 | | | | | | | | | | | | | | | 4 | 4 | 5 | | | | |
| 1 27/57 | 57 | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 1 27/55 | 55 | | | | | | | | | | | | | | | | | | | 4 | | | | |
| 1 27/53 | 53 | | | | | | | | | | | | | | | | | | | 1 | | | | |
| TOTAL | | 2.7 | 23.9 | 25.1 | 17.0 | 7.9 | 7.7 | 6.6 | 6.6 | 4.2 | 2.5 | .9 | .2 | .0 | | | | 6652 | 6654 | 6652 | | | | |

| Element (X) | Σx' | Σx | X | σ _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|----------|--------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 4421816 | 576540 | 76.1 | 15.73 | 6652 | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 42473866 | 529312 | 79.5 | 7.439 | 6654 | | | 736.4 | 622.7 | 317.3 | 40.4 | 744 |
| Wet Bulb | 35986323 | 488627 | 73.5 | 3.758 | 6652 | | | 715.0 | 444.0 | 30.1 | | 744 |
| Dew Point | 33354320 | 470427 | 70.7 | 3.614 | 6652 | | | 660.8 | 233.8 | 2.3 | | 744 |

PSYCHROMETRIC SUMMARY

73-31

555

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0070-7250

HOURS (L, S, T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-------|-------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 77 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 76 | | | .1 | .7 | .6 | .1 | | | | | | | | | | | | 13 | 13 | | | | | |
| 75 | | | 1.1 | 2.0 | 1.2 | .4 | | | | | | | | | | | | 47 | 47 | 2 | | | | |
| 74 | | .2 | 3.7 | 5.5 | 3.1 | .1 | .2 | .2 | .1 | | | | | | | | | 107 | 127 | 13 | | | | |
| 73 | | .8 | 7.5 | 9.9 | 1.7 | .3 | | | | | | | | | | | | 133 | 139 | 71 | | | | |
| 72 | 1.1 | 11.3 | 9.6 | .5 | .2 | | .1 | | | | | | | | | | | 175 | 176 | 153 | | | | |
| 71 | | 5.1 | 7.3 | 1.1 | .4 | | | | | | | | | | | | | 118 | 118 | 165 | | | | |
| 70 | | 2.4 | 3.2 | .6 | .4 | | | | | | | | | | | | | 53 | 53 | 123 | | | | |
| 69 | .6 | 2.9 | 1.8 | .6 | .7 | .9 | | | | | | | | | | | | 54 | 54 | 71 | | | | |
| 68 | | 1.2 | 1.1 | .4 | | .1 | | | | | | | | | | | | 22 | 22 | 46 | | | | |
| 67 | .4 | 2.1 | .9 | .1 | .1 | | | | | | | | | | | | | 26 | 26 | 41 | | | | |
| 66 | | .7 | .5 | .1 | .1 | | | | | | | | | | | | | 12 | 12 | 33 | | | | |
| 65 | | 1.7 | .2 | | | | | | | | | | | | | | | 16 | 16 | 19 | | | | |
| 64 | | 1.1 | .4 | .1 | | | | | | | | | | | | | | 13 | 13 | 16 | | | | |
| 63 | .1 | .9 | | .1 | | | | | | | | | | | | | | 5 | 5 | 15 | | | | |
| 62 | | .7 | .1 | | | | | | | | | | | | | | | 7 | 7 | 10 | | | | |
| 61 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 4 | | | | |
| 60 | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| 59 | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | 143.9 | 932.6 | 17.3 | 2.7 | 1.0 | .6 | .1 | | | | | | | | | | 803 | 803 | 803 | | | | |

| Element (X) | Σ x ¹ | Σ x ² | Σ x ³ | Σ x ⁴ | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------------|------------------|------------------|------------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 5485348 | 5509 | 85.9 | 85528 | 803 | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 399244 | 36478 | 77.2 | 55592 | 804 | | | 72.2 | 55.4 | .7 | | 90 |
| Wet Bulb | 367352 | 4144 | 67.4 | 5580 | 803 | | | 51.0 | 11.5 | | | 90 |
| Dew Point | 3516726 | 52334 | 65.9 | 6112 | 803 | | | 51.2 | 6.7 | | | 90 |

PSYCHROMETRIC SUMMARY

7222, FT BENNING GA

73-81

540

STATION

STATION NAME

YEAR

MONTH

PAGE 1

0300-2500

HOURS (L, S, T,)

[illegible]

PSYCHROMETRIC SUMMARY

153 27 2002 2003

73-49

552

STATION

STATION NAME

YEARS

MONTH

PAGE : 250-280

HOURS: 5-8

[illegible]

PSYCHROMETRIC SUMMARY

72225 FT BENNIE, GA

73-61

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE ' 0900-1100

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-81

SEP

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1230-1430

HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|------------------|------------------|------------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 1 67 99 | | | | | | | | | | | | | | | | | | 4 | 4 | | | |
| 2 7 97 | | | | | | | | | | .1 | .5 | .7 | | | | | | 11 | 11 | | | |
| 3 67 95 | | | | | | | | | .6 | 1.2 | .5 | .2 | | | | | | 21 | 21 | | | |
| 4 7 93 | | | | | | | .1 | 1.0 | 2.4 | 1.4 | .7 | .2 | | | | | | 47 | 47 | | | |
| 5 7 91 | | | | | | | .1 | .5 | 2.6 | 2.5 | 1.7 | .4 | .2 | | | | | 65 | 65 | | | |
| 6 7 89 | | | | | | | .5 | 2.6 | 3.2 | 1.5 | .7 | .5 | .1 | | | | | 74 | 74 | | | |
| 7 67 97 | | | | .2 | .1 | 3.4 | 4.5 | 1.6 | 2.0 | .9 | .1 | | | | .1 | | | 100 | 100 | | | |
| 8 7 85 | | | | .1 | 1.0 | 3.9 | 3.9 | 3.5 | .6 | .5 | .1 | .2 | .1 | | | | | 112 | 112 | | | |
| 9 7 83 | | | .2 | .5 | 3.7 | 2.9 | 1.6 | 1.7 | .4 | .5 | .1 | .1 | | | | | | 84 | 84 | | | |
| 10 7 81 | | | .4 | .9 | 3.1 | 1.6 | 1.7 | .5 | | .6 | | | | | | | | 64 | 64 | 5 | | |
| 11 7 79 | | .4 | .6 | 2.9 | 1.4 | 1.7 | .2 | .2 | .8 | .6 | | | | | | | | 63 | 63 | 45 | 1 | |
| 12 7 77 | | | .4 | 1.1 | 1.1 | .6 | .2 | .1 | .6 | .6 | | | | | | | | 39 | 39 | 143 | 12 | |
| 13 67 75 | | .4 | .6 | .7 | .4 | .2 | .4 | .9 | .6 | | | | | | | | | 31 | 31 | 155 | 29 | |
| 14 67 73 | .1 | .7 | .2 | .4 | .2 | .1 | .2 | .2 | .1 | | | | | | | | | 20 | 20 | 159 | 95 | |
| 15 7 71 | | .9 | .7 | .5 | .1 | .2 | .2 | | .2 | | | | | | | | | 25 | 25 | 95 | 137 | |
| 16 7 69 | | .2 | .6 | .1 | .3 | | | .2 | .1 | | | | | | | | | 12 | 12 | 62 | 146 | |
| 17 67 | | .2 | 1.1 | .1 | | .2 | | .7 | | | | | | | | | | 14 | 14 | 35 | 91 | |
| 18 67 65 | | .4 | .4 | | .6 | | | | | | | | | | | | | 11 | 11 | 25 | 86 | |
| 19 67 63 | | | .4 | .2 | | | | | | | | | | | | | | 5 | 5 | 28 | 63 | |
| 20 7 61 | | | | | | | | | | | | | | | | | | | | 25 | 33 | |
| 21 7 59 | | | | | | | | | | | | | | | | | | | | 13 | 26 | |
| 22 7 57 | | | | | | | | | | | | | | | | | | | | 7 | 11 | |
| 23 57 55 | | | | | | | | | | | | | | | | | | | | 5 | 12 | |
| 24 67 53 | | | | | | | | | | | | | | | | | | | | | 14 | |
| 25 7 51 | | | | | | | | | | | | | | | | | | | | | 27 | |
| 26 7 49 | | | | | | | | | | | | | | | | | | | | | 6 | |
| 27 7 47 | | | | | | | | | | | | | | | | | | | | | 10 | |
| 28 7 45 | | | | | | | | | | | | | | | | | | | | | 3 | |
| 29 67 43 | | | | | | | | | | | | | | | | | | | | | 4 | |
| 30 7 41 | | | | | | | | | | | | | | | | | | | | | 2 | |
| 31 67 39 | | | | | | | | | | | | | | | | | | | | | 1 | |
| 1 74 6 | .1 | 3.2 | 5.6 | 7.4 | 11.3 | 14.5 | 15.6 | 15.6 | 12.3 | 8.6 | 3.0 | 2.2 | .4 | .1 | | | | | 802 | | 802 | |
| | | | | | | | | | | | | | | | | | | 802 | | 802 | | |
| Element (X) | Σ x ¹ | Σ x | Σ x ² | Σ x ³ | Σ x ⁴ | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | |
| Rel. Hum. | 2871244 | 46597 | 58.114 | 580 | | 802 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | |
| Dry Bulb | 5715413 | 67463 | 84.2 | 7.113 | | 802 | | | 88.2 | 82.5 | 69.8 | 9.3 | 90 | | | | | | | | | |
| Wet Bulb | 4263774 | 58337 | 72.7 | 5.063 | | 802 | | | 78.4 | 58.9 | 2.1 | | 90 | | | | | | | | | |
| Dew Point | 3040773 | 53764 | 67.7 | 6.686 | | 802 | | | 57.3 | 15.4 | | | 90 | | | | | | | | | |

PSYCHROMETRIC SUMMARY

SE 0

YEARS

1500-1700

MOLES 14. 5. 7.1

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|----------|----------|-----------|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 1 2/101 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | | | | | |
| 1 1/99 | | | | | | | | | | | | .2 | .9 | .4 | | | | 12 | 12 | | | | | | |
| 8/97 | | | | | | | | | | | .2 | .4 | .7 | .4 | | | | 14 | 14 | | | | | | |
| 6/95 | | | | | | | | | .6 | 1.6 | 1.4 | .4 | .2 | | | | | 34 | 34 | | | | | | |
| 4/93 | | | | | | | | .4 | 2.6 | 2.4 | 1.6 | .2 | | | | | | 58 | 58 | | | | | | |
| 1/91 | | | | | | .2 | .6 | 1.4 | 1.7 | 2.2 | 1.6 | .7 | .1 | .1 | .1 | | | 72 | 72 | | | | | | |
| 7/89 | | | | | .1 | .6 | 1.7 | 3.2 | 2.7 | 2.2 | .5 | .7 | | .1 | .1 | | | 82 | 82 | | | | | | |
| 8/87 | | | | | .2 | 2.7 | 3.9 | 3.7 | 2.5 | .9 | .2 | .1 | | | | | | 103 | 103 | | | | | | |
| 6/85 | | | | .1 | .9 | 2.4 | 1.9 | 2.2 | 1.4 | .9 | .9 | .1 | | | | | | 86 | 87 | | | | | | |
| 4/83 | | | .4 | 1.7 | 2.1 | 2.2 | 1.1 | 1.1 | .4 | 1.1 | | .1 | | | | | | 77 | 77 | 1 | | | | | |
| 1/81 | | | .4 | 1.1 | 2.1 | 1.6 | .9 | .9 | | .1 | .7 | .2 | | | | | | 63 | 63 | 2 | | | | | |
| 7/79 | | .2 | 1.1 | 1.1 | 1.9 | .5 | .7 | .1 | .5 | .6 | | | | | | | | 55 | 55 | 41 | | | | | |
| 7/77 | | .4 | 1.7 | 1.9 | 1.1 | .1 | .4 | .1 | .7 | .5 | | | | | | | | 47 | 47 | 114 | | | | | |
| 4/75 | | .2 | .9 | .5 | .1 | .2 | | .1 | .1 | .1 | | | | | | | | 19 | 19 | 160 | | | | | |
| 6/73 | | .4 | .4 | .1 | .7 | | | .1 | .2 | | | | | | | | | 16 | 16 | 176 | | | | | |
| 1/71 | | .4 | .5 | .2 | .4 | | .5 | .1 | .4 | | | | | | | | | 20 | 20 | 97 | | | | | |
| 7/69 | .1 | .9 | 1.7 | .2 | | | | | | | | | | | | | | 18 | 18 | 66 | | | | | |
| 4/67 | .1 | .1 | .4 | | .1 | | | | | | | | | | | | | 6 | 6 | 45 | | | | | |
| 6/65 | | .4 | .6 | .1 | .5 | | | | | | | | | | | | | 13 | 13 | 32 | | | | | |
| 4/63 | | | .4 | .4 | | | | | | | | | | | | | | 6 | 6 | 20 | | | | | |
| 7/61 | | | | | | | | | | | | | | | | | | | | 21 | | | | | |
| 1/59 | | | | | | | | | | | | | | | | | | | | 16 | | | | | |
| 4/57 | | | | | | | | | | | | | | | | | | | | 11 | | | | | |
| 6/55 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/53 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/51 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5/49 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/47 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/45 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/43 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/41 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .2 | 3.0 | 7.2 | 6.4 | 10.0 | 10.0 | 11.0 | 12.8 | 13.2 | 13.0 | 7.4 | 3.2 | 1.6 | .7 | .2 | | | 802 | 802 | 802 | | | | | |
| | | | | | | | | | | | | | | | | | | 802 | 802 | 802 | | | | | |

| Element (X) | Σx ² | Σx | X | x _a | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|-----------------|-------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 2693782 | 44616 | 55.6 | 16.259 | 802 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | 5642189 | 68233 | 85.0 | 7.428 | 803 | | | 87.4 | 82.9 | 70.8 | 13.3 | 90 |
| Wet Bulb | 4239912 | 58189 | 72.5 | 4.912 | 802 | | | 79.8 | 55.4 | 1.3 | | 90 |
| Dew Point | 3557419 | 53131 | 66.2 | 6.850 | 802 | | | 52.3 | 11.1 | .2 | | 90 |

PSYCHROMETRIC SUMMARY

SE 2

YEARS

1800-2000

MOUSE 1 5 7

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 1 / 79 | | | | | | | | | | | | | .1 | .1 | | | | 2 | 2 | | | | | |
| 2 / 97 | | | | | | | | | | | | | .2 | | | | | 2 | 2 | | | | | |
| 3 / 95 | | | | | | | | | | .1 | .4 | | | | | | | 4 | 4 | | | | | |
| 4 / 93 | | | | | | | | .2 | .1 | .4 | .4 | | | | | | | 9 | 9 | | | | | |
| 5 / 91 | | | | | | | | .2 | .4 | .2 | .4 | | | | | | | 13 | 13 | | | | | |
| 6 / 89 | | | | | | .1 | .4 | .6 | .2 | .9 | .4 | | | | | | | 23 | 23 | | | | | |
| 7 / 87 | | | | | .2 | 1.4 | 1.4 | .7 | .9 | .1 | | | | .1 | | | | 36 | 36 | | | | | |
| 8 / 85 | | | | 1.3 | 1.4 | 1.4 | 1.5 | 1.1 | .4 | | | | .1 | | | | | 55 | 55 | | | | | |
| 9 / 83 | | | .4 | 1.1 | 1.4 | 2.1 | 1.1 | 1.1 | .5 | .1 | | | | | | | | 65 | 65 | | | | | |
| 10 / 81 | | | 1.2 | 2.1 | 1.9 | 2.5 | .2 | .6 | .1 | | | | | | | | | 69 | 69 | | | | | |
| 11 / 79 | | 1.1 | 3.0 | 3.3 | 2.4 | 1.7 | .4 | .1 | .4 | .1 | | | | | | | | 112 | 112 | 22 | | | | |
| 12 / 77 | | .9 | 3.2 | 4.9 | 1.4 | .9 | .4 | .1 | .3 | | | | | | | | | 93 | 93 | 76 | 15 | | | |
| 13 / 75 | | 1.5 | 5.5 | 3.7 | .9 | .7 | .8 | | | | | | | | | | | 107 | 107 | 119 | 50 | | | |
| 14 / 73 | | 1.2 | 3.6 | .7 | 1.1 | | .1 | .1 | | | | | | | | | | 56 | 56 | 151 | 93 | | | |
| 15 / 71 | .1 | 2.1 | 2.4 | 1.4 | .4 | .4 | .2 | | | | | | | | | | | 56 | 56 | 160 | 113 | | | |
| 16 / 69 | | 1.1 | 1.6 | .7 | .4 | | .4 | | | | | | | | | | | 34 | 34 | 91 | 154 | | | |
| 17 / 67 | | 1.1 | .2 | .7 | .1 | .1 | .5 | | | | | | | | | | | 23 | 23 | 58 | 107 | | | |
| 18 / 65 | .4 | .2 | .6 | .1 | .1 | .1 | | | | | | | | | | | | 13 | 13 | 51 | 69 | | | |
| 19 / 63 | | .4 | 1.1 | .5 | | .1 | | | | | | | | | | | | 18 | 18 | 18 | 51 | | | |
| 20 / 61 | | .1 | .7 | .1 | | | | | | | | | | | | | | 8 | 8 | 26 | 47 | | | |
| 21 / 59 | | .1 | .2 | | .1 | | | | | | | | | | | | | 4 | 4 | 16 | 30 | | | |
| 22 / 57 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 15 | 15 | | | |
| 23 / 55 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 6 | 21 | | | |
| 24 / 53 | | | | | | | | | | | | | | | | | | | | 3 | 11 | | | |
| 25 / 51 | | | | | | | | | | | | | | | | | | | | 1 | 12 | | | |
| 26 / 49 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 27 / 47 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 28 / 45 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 29 / 41 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| TOTAL | .5 | 0.7 | 2.6 | 11.9 | 11.2 | 31.5 | 7.3 | 5.7 | 3.4 | 2.1 | 1.6 | | .6 | .1 | | | | 803 | 803 | | 803 | | | |

| Element (X) | $\Sigma x'$ | Σx | Σ | Σc_n | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|-------------|------------|----------|--------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|----|
| Rel. Hum. | 424799 | 57151 | 71.2 | 14.764 | 803 | $\leq 6 F$ | $\geq 22 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | |
| Dry Bulb | 404797 | 62785 | 78.2 | 6.766 | 803 | | | 85.1 | 72.4 | 38.1 | 1.9 | 90 |
| Wet Bulb | 450675 | 57794 | 71.2 | 9.138 | 803 | | | 74.8 | 40.1 | .4 | | 90 |
| Dew Point | 368459 | 44161 | 67.4 | 6.274 | 803 | | | 59.6 | 17.7 | | | 90 |

PSYCHROMETRIC SUMMARY

72225 FT BENNING GA

73-81

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L, S, T,)

[illegible]

PSYCHROMETRIC SUMMARY

SFP

MONTH

ALL

MOLAS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT

MAINTENANCE

HOURS (L, S, T, F)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-------|-------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 7 / 77 | | | .4 | | | | | | | | | | | | | | | 3 | 3 | | | | | | |
| 7 / 77 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | | | | | |
| 7 / 75 | | | .4 | | | | | | | | | | | | | | | 3 | 3 | 3 | | | | | |
| 4 / 73 | | .9 | .6 | .2 | | | | | | | | | | | | | | 11 | 11 | 3 | 3 | | | | |
| 7 / 71 | | .8 | .4 | | | | | | | | | | | | | | | 10 | 10 | 10 | 4 | | | | |
| 7 / 69 | | .4 | .4 | .1 | .1 | | .1 | | | | | | | | | | | 9 | 9 | 11 | 15 | | | | |
| 7 / 67 | | 1.2 | 1.6 | .1 | | | .1 | | | | | | | | | | | 25 | 25 | 7 | 6 | | | | |
| 6 / 65 | | 2.1 | 2.2 | .2 | | | | | | | | | | | | | | 37 | 37 | 17 | 14 | | | | |
| 4 / 63 | .1 | 3.2 | 2.9 | .3 | | | .1 | .4 | | | | | | | | | | 62 | 62 | 33 | 16 | | | | |
| 7 / 61 | | 2.8 | 3.1 | .2 | .3 | .1 | | | | | | | | | | | | 56 | 56 | 51 | 37 | | | | |
| 7 / 59 | .1 | 3.3 | 3.7 | 1.2 | .7 | | | | | | | | | | | | | 81 | 81 | 52 | 45 | | | | |
| 7 / 57 | .1 | 2.3 | 4.1 | 1.4 | .6 | | | | | | | | | | | | | 73 | 73 | 70 | 47 | | | | |
| 5 / 55 | .1 | 3.7 | 3.7 | .4 | | .9 | | | | | | | | | | | | 65 | 65 | 63 | 67 | | | | |
| 4 / 53 | | 2.3 | 3.1 | .4 | .1 | | | | | | | | | | | | | 53 | 50 | 66 | 58 | | | | |
| 2 / 51 | .4 | 1.6 | 2.6 | 1.1 | .2 | | | | | | | | | | | | | 49 | 49 | 73 | 60 | | | | |
| 5 / 49 | .9 | 1.9 | 3.1 | .8 | .9 | | | | | | | | | | | | | 57 | 58 | 55 | 61 | | | | |
| 6 / 47 | .8 | 3.6 | 2.4 | .5 | .1 | | | | | | | | | | | | | 66 | 67 | 52 | 63 | | | | |
| 4 / 45 | .2 | 2.9 | 1.4 | 1.0 | .2 | | | | | | | | | | | | | 48 | 48 | 64 | 49 | | | | |
| 4 / 43 | .3 | 1.8 | 1.4 | .6 | | | | | | | | | | | | | | 34 | 34 | 55 | 47 | | | | |
| 2 / 41 | .1 | 1.1 | 2.2 | .1 | | | | | | | | | | | | | | 28 | 28 | 29 | 53 | | | | |
| 4 / 39 | .4 | 1.2 | 2.4 | | | | | | | | | | | | | | | 33 | 33 | 45 | 34 | | | | |
| 3 / 37 | | 1.2 | .6 | | | | | | | | | | | | | | | 15 | 15 | 34 | 36 | | | | |
| 7 / 35 | .1 | .5 | .4 | | | | | | | | | | | | | | | 8 | 8 | 23 | 30 | | | | |
| 3 / 33 | .1 | .5 | .2 | | | | | | | | | | | | | | | 7 | 7 | 7 | 32 | | | | |
| 2 / 31 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 30 | | | | |
| 7 / 29 | | | | | | | | | | | | | | | | | | | | 2 | 17 | | | | |
| 6 / 27 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 6 / 25 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | 4.139 | 843.7 | 9.7 | 2.7 | .8 | .4 | .4 | | | | | | | | | | 832 | | 832 | 832 | | | | |

| Element (X) | $\Sigma H'$ | ΣH | \bar{H} | σ_H | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum. | 5585.79 | 5760.3 | 81.0 | 10.524 | 832 | $\geq 6 F$ | $\geq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | |
| Dry Bulb | 253715 | 45313 | 54.0 | 9.034 | 834 | | .1 | 6.9 | 2.0 | .2 | | 93 |
| Wet Bulb | 226365 | 42749 | 51.4 | 8.990 | 832 | | 1.0 | 3.8 | .7 | | | 93 |
| Dew Point | 2747159 | 47421 | 48.6 | 10.018 | 832 | | 6.1 | 3.1 | .3 | | | 93 |

PSYCHROMETRIC SUMMARY

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 87 87 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 87 83 | | | | .1 | .2 | | | | .2 | | | | | | | | | 5 | 5 | | | | | |
| 87 79 | | | .1 | .2 | | .5 | .5 | .1 | | | | | | | | | | 12 | 12 | | | | | |
| 87 77 | | | | .1 | .4 | 1.3 | .5 | .4 | .1 | | | | | | | | | 25 | 25 | | | | | |
| 87 75 | | | .4 | .1 | .6 | .8 | 1.3 | .4 | .1 | | .1 | | | | | | | 32 | 32 | 3 | | | | |
| 87 73 | | .1 | .6 | .5 | 1.1 | 1.3 | .7 | .6 | | .1 | | | | | | | | 41 | 41 | 4 | | | | |
| 87 71 | | .4 | .8 | 1.4 | 1.1 | 1.3 | .8 | .6 | .2 | .6 | | | | | | | | 60 | 60 | 3 | | | | |
| 87 69 | | | 1.7 | 1.2 | .7 | .8 | 1.2 | .5 | .5 | .2 | | | | | | | | 57 | 57 | 23 | | | | |
| 87 67 | | .4 | 1.9 | 1.1 | 1.3 | 1.1 | .9 | .7 | .4 | .2 | .1 | | | | | | | 74 | 74 | 35 | | | | |
| 87 65 | | .6 | 2.5 | 1.4 | 1.2 | 1.7 | 1.6 | 1.1 | .2 | | | | | | | | | 76 | 76 | 57 | | | | |
| 87 63 | | 1.1 | 2.9 | 2.1 | 1.1 | 1.1 | 1.3 | 1.2 | .2 | .1 | | | | | | | | 90 | 90 | 56 | | | | |
| 87 61 | | .9 | 1.4 | 1.1 | 1.9 | 1.7 | .4 | .9 | .4 | | | | | | | | | 65 | 65 | 79 | | | | |
| 87 59 | | .6 | 1.9 | 1.8 | 1.3 | 1.6 | 1.1 | .9 | | | | | | | | | | 73 | 73 | 71 | | | | |
| 87 57 | | 1.1 | 2.1 | 1.6 | .6 | .2 | 1.7 | .9 | .1 | | | | | | | | | 59 | 59 | 63 | | | | |
| 87 55 | | .7 | .9 | .7 | 1.1 | .6 | .7 | .2 | | | | | | | | | | 37 | 37 | 75 | | | | |
| 87 53 | .1 | .5 | 1.9 | .9 | .7 | .5 | | | | | | | | | | | | 37 | 37 | 79 | | | | |
| 87 51 | | .9 | 1.3 | 1.1 | .7 | 1.1 | .2 | | | | | | | | | | | 43 | 43 | 71 | | | | |
| 87 49 | | .2 | .5 | .9 | .4 | .2 | | | | | | | | | | | | 18 | 18 | 61 | | | | |
| 87 47 | .3 | .4 | .9 | .3 | .9 | | | | | | | | | | | | | 15 | 15 | 48 | | | | |
| 87 45 | | | .4 | .4 | .1 | | | | | | | | | | | | | 7 | 7 | 39 | | | | |
| 87 43 | .1 | | .3 | .3 | | | | | | | | | | | | | | 5 | 5 | 29 | | | | |
| 87 41 | | | | | | | | | | | | | | | | | | 4 | 4 | 21 | | | | |
| 87 39 | | | | | | | | | | | | | | | | | | | | 11 | | | | |
| 87 37 | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 87 35 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 87 33 | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 27 | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 25 | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .9 | 7.2 | 1.9 | 17.2 | 14.4 | 15.0 | 17.1 | 7.3 | 2.3 | 1.4 | .2 | | | | | | | | 936 | 836 | | | | |
| | | | | | | | | | | | | | | | | | | 836 | | 836 | | | | |

| Element (X) | Σx^1 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum. | 542379 | 53421 | 65.9 | 16.529 | 836 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Dry Bulb | 5836337 | 54711 | 65.4 | 8.180 | 836 | | | 42.6 | 19.6 | 5.8 | | 93 |
| Wet Bulb | 2867798 | 48834 | 58.1 | 7.740 | 836 | | | 14.3 | 1.7 | | | 93 |
| Dew Point | 2353377 | 43484 | 51.9 | 10.256 | 836 | | 3.2 | 2.3 | .8 | | | 93 |

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

462

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| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

132 THE UNIVERSITY OF CHICAGO

73-22

434

STATION

STATION NAME

YEARS

MONDAY

PAGE: 1 2020-10-10
HOURS: 3:1

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 50 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | | | | | | | | | | | | | |
| 51 | | | | | | | | | .1 | .2 | .1 | | | | | | | 5 | 5 | | | | | | | | | | | | | | |
| 52 | | | | | | .1 | .1 | .1 | .1 | .1 | | | | | | | | 13 | 13 | | | | | | | | | | | | | | |
| 53 | | | | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | 19 | 19 | | | | | | | | | | | | | | |
| 54 | | | | .6 | .4 | .1 | .1 | .1 | .1 | .1 | .4 | | | | | | | 24 | 24 | | | | | | | | | | | | | | |
| 55 | | | .3 | 1.7 | 1.1 | 1.3 | .5 | .5 | .4 | .4 | | | .1 | | | | | 53 | 53 | 4 | | | | | | | | | | | | | |
| 56 | | .5 | .4 | .7 | .7 | .4 | .1 | .1 | .4 | .2 | .1 | | | | | | | 41 | 41 | 5 | 3 | | | | | | | | | | | | |
| 57 | | .3 | 1.3 | 1.5 | 1.4 | 1.2 | 1.4 | .4 | .1 | .2 | | | | | | | | 75 | 75 | 17 | 12 | | | | | | | | | | | | |
| 58 | | .3 | 1.6 | 1.3 | 1.1 | 1.1 | .7 | .6 | .8 | .4 | | | | | | | | 78 | 78 | 47 | 12 | | | | | | | | | | | | |
| 59 | | .5 | 1.3 | 2.4 | 1.4 | .6 | .4 | .5 | .5 | .4 | | | | | | | | 74 | 74 | 64 | 25 | | | | | | | | | | | | |
| 60 | | .3 | .6 | .1 | 1.3 | 1.1 | .4 | .3 | .1 | | | | | | | | | 97 | 97 | 62 | 32 | | | | | | | | | | | | |
| 61 | | 1.2 | 1.2 | 2.3 | 1.1 | .7 | .7 | .5 | .4 | .1 | | | | | | | | 74 | 74 | 71 | 51 | | | | | | | | | | | | |
| 62 | | .6 | 1.9 | .3 | 1.1 | .2 | .5 | | | | | | | | | | | 56 | 56 | 120 | 47 | | | | | | | | | | | | |
| 63 | .1 | .7 | 1.9 | 1.4 | .3 | 1.1 | 1.1 | .1 | | | | | | | | | | 74 | 74 | 85 | 74 | | | | | | | | | | | | |
| 64 | .1 | 1.1 | 1.4 | 1.1 | .1 | .5 | .4 | .1 | | | | | | | | | | 42 | 42 | 30 | 75 | | | | | | | | | | | | |
| 65 | | .5 | 1.3 | .7 | .4 | .5 | | | | | | | | | | | | 34 | 34 | 66 | 59 | | | | | | | | | | | | |
| 66 | .1 | 1.1 | 1.7 | .5 | .1 | .5 | | | | | | | | | | | | 41 | 41 | 54 | 82 | | | | | | | | | | | | |
| 67 | | .4 | 1.1 | .3 | .4 | .2 | | | | | | | | | | | | 24 | 24 | 53 | 66 | | | | | | | | | | | | |
| 68 | | .2 | .7 | .7 | .3 | .1 | | | | | | | | | | | | 15 | 15 | 47 | 57 | | | | | | | | | | | | |
| 69 | | .1 | | .1 | .1 | | | | | | | | | | | | | 3 | 3 | 35 | 41 | | | | | | | | | | | | |
| 70 | | | .7 | | | | | | | | | | | | | | | 1 | 1 | 24 | 33 | | | | | | | | | | | | |
| 71 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 11 | 34 | | | | | | | | | | | | |
| 72 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 8 | 24 | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | 1 | 37 | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | 1 | 17 | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | 24 | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 84 | | .1 | .7 | .7 | .3 | .1 | .5 | .4 | .3 | .1 | .4 | .1 | .1 | | | | | | | 834 | 834 | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | 834 | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | 834 | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | 834 | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | 834 | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | 834 | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | 834 | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | 834 | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | 834 | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | 834 | | | | | | | | | | | | |
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| 95 | | | | | | | | | | | | | | | | | | | | | 834 | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | 834 | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | 834 | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | 834 | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | 834 | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | 834 | | | | | | | | | | | | |

| Element (X) | Z _X ¹ | Z _X | X | σ _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-----------------------------|----------------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 50.0 | 50.0 | 55.0 | 16.0 | 834 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Dry Bulb | 50.0 | 50.0 | 55.0 | 16.0 | 834 | | | 41.5 | 17.0 | 5.2 | | 93 |
| Wet Bulb | 50.0 | 50.0 | 55.0 | 16.0 | 834 | | | 15.0 | 1.4 | | | 93 |
| Dew Point | 50.0 | 50.0 | 55.0 | 16.0 | 834 | | 5.5 | 5.2 | .3 | | | 93 |

PSYCHROMETRIC SUMMARY

OCT

MONTH

HOURS L. S. T. F.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 77 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | | | |
| 77 | | | | | .5 | | .3 | | | | | | | | | | | 6 | 6 | 1 | | | | | |
| 77 | | | .1 | .1 | .1 | .1 | .1 | | .1 | | | | | | | | | 13 | 13 | 2 | 1 | | | | |
| 77 | | 1.1 | .5 | 1.1 | .5 | .4 | .1 | | .1 | | | | | | | | | 33 | 37 | 6 | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | | .1 | | | | | | | | | 34 | 38 | 25 | 11 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .5 | | | | | | | | | | 42 | 42 | 15 | 24 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | 56 | 66 | 39 | 15 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | 77 | 77 | 49 | 29 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | 81 | 81 | 69 | 53 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | 79 | 79 | 75 | 47 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | 76 | 76 | 82 | 65 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 61 | 61 | 74 | 61 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | 53 | 53 | 82 | 73 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | 43 | 48 | 57 | 64 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 33 | 53 | 56 | 58 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 47 | 47 | 50 | 61 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 27 | 27 | 57 | 35 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 13 | 13 | 43 | 44 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 7 | 7 | 23 | 43 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 5 | 5 | 11 | 37 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 2 | 2 | 8 | 28 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | 3 | 22 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | 1 | 11 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 40 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 3 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 1 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 2 | | | | |
| 77 | 1.1 | 1.1 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

73-01

UCT

STATION

STATION NAME

YEARS

MON T H

PAGE 1

ALL

HOURS (L. S. T.)

[illegible]

CLIMATE DIVISION BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

STATION 7022 STATION NAME FT. WENDEL SA YEARS 73-74 OCT
MONTH ALL
PAGE 2
HOURS (L, S, T)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 70 | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 | 2.2 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 | 5669 | 6671 | 6669 | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | Σ X | Σ X ² | Σ X ³ | Σ X ⁴ | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------|------------------|------------------|------------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 34225 | 452 | 67 | 20.152 | 666 | ≤ 10 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≥ 93 F | |
| Dry Bulb | 2741 | 524 | 47 | 566 | 6671 | | 1 | 224.6 | 167.6 | 64.3 | | 744 |
| Wet Bulb | 21637 | 14 | 37 | 532 | 6669 | | 2 | 65.7 | 12.9 | | | 744 |
| Dew Point | 17551 | 44 | 37 | 532 | 6669 | | 34 | 36.7 | 4.7 | | | 744 |

USAFETAC FORM 44 0-26-5 (OL A) REVISED WITHOUT EDITING OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

'5-5'

NOV

STATION

STATION NAME

YEARS

MON 7 M

PAGE : 0004-0240

HOURS 11.5-1.30

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 47-54 | | | | | | | | | | | | | | | | | | 3 | 3 | | | | | |
| 47-54 | | | .3 | 1.2 | | .4 | | | | | | | | | | | | 18 | 18 | | | | | |
| 47-54 | | | .7 | 1.1 | .4 | .1 | .3 | | | | | | | | | | | 21 | 21 | 8 | 1 | | | |
| 47-54 | | | .5 | 1.0 | .5 | | .1 | | | | | | | | | | | 24 | 24 | 14 | 17 | | | |
| 47-54 | .3 | | .4 | 1.1 | .6 | | | | | | | | | | | | | 21 | 21 | 23 | 1 | | | |
| 47-54 | | | 2.4 | .7 | .5 | .7 | .1 | | | | | | | | | | | 37 | 37 | 28 | 28 | | | |
| 47-54 | .1 | 2.2 | 2.5 | .6 | | .1 | | | | | | | | | | | | 45 | 45 | 31 | 20 | | | |
| 47-54 | .7 | 2.1 | 2.1 | .4 | | | | | | | | | | | | | | 42 | 42 | 47 | 36 | | | |
| 47-54 | | 1.4 | 3.3 | .4 | | .7 | .4 | | | | | | | | | | | 51 | 51 | 41 | 30 | | | |
| 47-54 | .1 | .4 | 2.4 | .9 | .1 | .3 | | | | | | | | | | | | 38 | 38 | 35 | 38 | | | |
| 47-54 | .4 | .3 | 1.3 | .4 | .7 | .2 | | | | | | | | | | | | 34 | 34 | 34 | 31 | | | |
| 47-54 | | .4 | 2.4 | .4 | .1 | .4 | | | | | | | | | | | | 33 | 33 | 27 | 33 | | | |
| 47-54 | .5 | 3.1 | 3.4 | .5 | .1 | .1 | | | | | | | | | | | | 46 | 46 | 42 | 37 | | | |
| 47-54 | .2 | 2.6 | 2.4 | .7 | .1 | .1 | .1 | | | | | | | | | | | 50 | 50 | 45 | 25 | | | |
| 47-54 | .7 | 3.1 | 3.4 | .7 | .5 | .1 | | | | | | | | | | | | 69 | 69 | 59 | 38 | | | |
| 47-54 | .1 | 2.4 | 3.1 | .4 | .1 | | | | | | | | | | | | | 53 | 53 | 55 | 46 | | | |
| 47-54 | | 2.4 | 3.7 | 1.1 | .1 | | | | | | | | | | | | | 54 | 54 | 63 | 49 | | | |
| 47-54 | .1 | 1.0 | 1.1 | .2 | .1 | | | | | | | | | | | | | 34 | 34 | 54 | 52 | | | |
| 47-54 | .4 | 1.6 | 1.1 | .7 | | | | | | | | | | | | | | 31 | 31 | 51 | 53 | | | |
| 47-54 | .1 | 2.4 | 1.2 | .4 | | | | | | | | | | | | | | 42 | 42 | 34 | 51 | | | |
| 47-54 | | 1.2 | 1.1 | .1 | | | | | | | | | | | | | | 19 | 19 | 31 | 38 | | | |
| 47-54 | .1 | 1.0 | .6 | .1 | | | | | | | | | | | | | | 23 | 23 | 37 | 40 | | | |
| 47-54 | .1 | .5 | 1.1 | | | | | | | | | | | | | | | 13 | 13 | 22 | 34 | | | |
| 47-54 | | .3 | .4 | | | | | | | | | | | | | | | 7 | 7 | 9 | 29 | | | |
| 47-54 | | | | | | | | | | | | | | | | | | | | 12 | 29 | | | |
| 47-54 | | | | | | | | | | | | | | | | | | | | 2 | 6 | | | |
| 47-54 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 47-54 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| 47-54 | | | | | | | | | | | | | | | | | | | | | 14 | | | |
| 47-54 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 47-54 | 5.134 | 3.47 | 4.10 | .3 | 4.1 | 2.2 | .1 | | | | | | | | | | | 804 | 604 | 814 | | | | |

| Element (X) | Σx^1 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 5104.24 | 33536 | 74.9 | 12.720 | 804 | = 0 F | = 32 F | = 67 F | = 73 F | = 80 F | = 93 F | Total |
| Dry Bulb | 279856 | 49112 | 47.7 | 11.017 | 804 | | 4.8 | 6.9 | .3 | | | 90 |
| Wet Bulb | 155513 | 17617 | 45.8 | 10.874 | 804 | | 9.2 | 2.5 | | | | 90 |
| Dew Point | 15322.3 | 34853 | 43.3 | 12.293 | 804 | | 18.6 | 1.2 | | | | 90 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMARY

STATION: FT BENNING GA 73-01 YEARS: MONTH: NOV
PAGE 1 0300-0500
HOURS (L.S. EST)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------------------|------------------|------------------|----------|------------------------------------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 7/77 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | | | | | | |
| 7/71 | | | .7 | .9 | .1 | .1 | | | | | | | | | | | | 11 | 11 | | | | | | |
| 7/69 | | | .1 | 1.5 | .2 | | | | | | | | | | | | | 16 | 16 | 4 | 1 | | | | |
| 7/67 | .1 | 1.4 | .7 | .4 | | .1 | | | | | | | | | | | | 22 | 22 | 14 | | | | | |
| 67/55 | | .9 | 1.4 | .4 | .1 | | | | | | | | | | | | | 23 | 23 | 26 | 18 | | | | |
| 47/57 | .1 | 2.4 | .7 | .6 | | | | | | | | | | | | | | 31 | 31 | 18 | 20 | | | | |
| 7/51 | .4 | 3.1 | 1.6 | | | | | | | | | | | | | | | 43 | 43 | 27 | 26 | | | | |
| 7/59 | .4 | 1.4 | 1.4 | .7 | | .1 | | | | | | | | | | | | 36 | 36 | 35 | 35 | | | | |
| 7/57 | .1 | 1.4 | 2.9 | | | .1 | | | | | | | | | | | | 37 | 37 | 40 | 29 | | | | |
| 5/7/55 | .4 | 1.4 | 1.1 | 1.2 | .4 | | | | | | | | | | | | | 44 | 44 | 30 | 34 | | | | |
| 7/57 | .1 | 1.1 | 2.9 | .1 | .1 | | | | | | | | | | | | | 35 | 35 | 32 | 26 | | | | |
| 7/51 | | .4 | 2.9 | .1 | .1 | .1 | | .1 | | | | | | | | | | 29 | 29 | 27 | 30 | | | | |
| 7/53 | .1 | 1.6 | 2.9 | .9 | .1 | | | | | | | | | | | | | 48 | 48 | 43 | 39 | | | | |
| 7/47 | .4 | 1.9 | 2.7 | .7 | .4 | | | | | | | | | | | | | 49 | 49 | 48 | 24 | | | | |
| 7/45 | .4 | 1.7 | 2.9 | .9 | .4 | | | | | | | | | | | | | 53 | 53 | 45 | 35 | | | | |
| 47/43 | .1 | 2.1 | 1.4 | .1 | .1 | | | | | | | | | | | | | 30 | 30 | 45 | 41 | | | | |
| 7/41 | .5 | 3.6 | 2.7 | .5 | .1 | | | | | | | | | | | | | 65 | 65 | 52 | 48 | | | | |
| 7/ | .4 | 2.7 | 2.2 | .5 | .1 | | | | | | | | | | | | | 57 | 57 | 47 | 49 | | | | |
| 7/37 | .7 | 2.1 | 1.1 | .1 | | | | | | | | | | | | | | 28 | 28 | 57 | 49 | | | | |
| 7/35 | .6 | 2.1 | 1.1 | .6 | | | | | | | | | | | | | | 34 | 34 | 47 | 46 | | | | |
| 57/33 | .7 | 3.4 | 1.6 | .4 | | | | | | | | | | | | | | 45 | 45 | 34 | 41 | | | | |
| 7/31 | .4 | 2.1 | 1.5 | .1 | | | | | | | | | | | | | | 37 | 37 | 45 | 56 | | | | |
| 77/27 | .7 | 1.0 | .5 | | | | | | | | | | | | | | | 19 | 19 | 46 | 39 | | | | |
| 7/7 | .1 | .4 | .1 | | | | | | | | | | | | | | | 5 | 6 | 15 | 30 | | | | |
| 7/25 | | .6 | .4 | | | | | | | | | | | | | | | 9 | 9 | 7 | 22 | | | | |
| 7/21 | | | | | | | | | | | | | | | | | | | | 8 | 16 | | | | |
| 7/17 | | | | | | | | | | | | | | | | | | | | | 8 | | | | |
| 7/13 | | | | | | | | | | | | | | | | | | | | | 17 | | | | |
| 7/17 | | | | | | | | | | | | | | | | | | | | | 10 | | | | |
| 1/1 | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 7/13 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| TOTAL | | 1.4 | 39.14 | .7 | 9.7 | 2.4 | .4 | | | | | | | | | | | | 802 | 802 | 802 | | | | |
| | | | | | | | | | | | | | | | | | | 802 | 802 | | | | | | |
| Element (X) | Σ X | Σ X ² | Σ X ³ | Σ X ⁴ | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | |
| Rel. Hum. | 287.84 | 8463 | 80.411.552 | 802 | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 92 F | Total | 90 | | | | | | | | | | | | | |
| Dry Bulb | 17674.0 | 38436 | 45.211.490 | 802 | | 7.9 | 5.7 | .2 | | | | 90 | | | | | | | | | | | | | |
| Wet Bulb | 17577.2 | 38436 | 45.211.321 | 802 | | 13.6 | 2.0 | | | | | 90 | | | | | | | | | | | | | |
| Dew Point | 14467.4 | 33474 | 47.212.614 | 802 | | 22.8 | 1.1 | | | | | 90 | | | | | | | | | | | | | |

USAFETAC FORM 34-44 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

NCV

YEARS

MONTH

PAGE 1

600-2R2
HOURS: 10:30-1:00[illegible]

PSYCHROMETRIC SUMMARY

NCV

MONTH

7904-1100

HOURS 11-5 P.M.

[illegible]

PSYCHROMETRIC SUMMARY

75-31

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PAGE 2 7900-1100

HOURS 11, 5, 7, 1

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

73-21

UFC
MONTH

PAGE : 0000-0000
HOURS : 5.10

[illegible]

PSYCHROMETRIC SUMMARY

73-8'

UFC

STATION

STATION NAME

YEARS

PAGE 2

MONTH

7500-1200

HOURS 12. 5. 9.

[illegible]

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS MANUAL ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

1042. RT - 004, INC 35

73-01

050

STATION

STATION NAME

YEARS

PAGE 1

300-2507

HOURS: L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

73-31

350

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0350-0500

HOURS 12.5 T.1

[illegible]

PSYCHROMETRIC SUMMARY

73-01

STATION

STATION NAME

Y E A R S

DFC

PAGE 1

1600-0800
HOURS 5, 7, 9

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 74 | | | .1 | .2 | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 73 | | | | .1 | .1 | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | 2 | 2 | 3 | | | | | | | | | | | | | | | |
| 71 | .1 | .2 | .3 | | | | | | | | | | | | | | | 13 | 13 | 3 | | | | | | | | | | | | | | | |
| 70 | .3 | .4 | .5 | | | | | | | | | | | | | | | 14 | 14 | 13 | | | | | | | | | | | | | | | |
| 69 | .5 | .6 | .7 | .1 | | | | | | | | | | | | | | 11 | 11 | 15 | | | | | | | | | | | | | | | |
| 68 | .7 | .8 | .9 | | | | | | | | | | | | | | | 12 | 12 | 3 | | | | | | | | | | | | | | | |
| 67 | .9 | 1.0 | 1.1 | .1 | | | | | | | | | | | | | | 13 | 13 | 15 | | | | | | | | | | | | | | | |
| 66 | 1.1 | 1.2 | 1.3 | .2 | | | | | | | | | | | | | | 23 | 23 | 9 | | | | | | | | | | | | | | | |
| 65 | 1.3 | 1.4 | 1.5 | .3 | | | | | | | | | | | | | | 25 | 25 | 17 | | | | | | | | | | | | | | | |
| 64 | 1.5 | 1.6 | 1.7 | .4 | .1 | | | | | | | | | | | | | 26 | 26 | 17 | | | | | | | | | | | | | | | |
| 63 | 1.7 | 1.8 | 1.9 | .5 | .2 | | | | | | | | | | | | | 27 | 27 | 26 | | | | | | | | | | | | | | | |
| 62 | 1.9 | 2.0 | 2.1 | .6 | .3 | | | | | | | | | | | | | 27 | 27 | 33 | | | | | | | | | | | | | | | |
| 61 | 2.1 | 2.2 | 2.3 | .7 | .4 | .1 | | | | | | | | | | | | 47 | 47 | 39 | | | | | | | | | | | | | | | |
| 60 | 2.3 | 2.4 | 2.5 | .8 | .5 | .2 | | | | | | | | | | | | 58 | 58 | 33 | | | | | | | | | | | | | | | |
| 59 | 2.5 | 2.6 | 2.7 | .9 | .6 | .3 | | | | | | | | | | | | 34 | 34 | 53 | | | | | | | | | | | | | | | |
| 58 | 2.7 | 2.8 | 2.9 | 1.0 | .7 | .4 | .1 | | | | | | | | | | | 25 | 25 | 34 | | | | | | | | | | | | | | | |
| 57 | 2.9 | 3.0 | 3.1 | 1.1 | .8 | .5 | .2 | | | | | | | | | | | 47 | 47 | 39 | | | | | | | | | | | | | | | |
| 56 | 3.1 | 3.2 | 3.3 | 1.2 | .9 | .6 | .3 | | | | | | | | | | | 44 | 44 | 42 | | | | | | | | | | | | | | | |
| 55 | 3.3 | 3.4 | 3.5 | 1.3 | 1.0 | .7 | .4 | | | | | | | | | | | 36 | 36 | 37 | | | | | | | | | | | | | | | |
| 54 | 3.5 | 3.6 | 3.7 | 1.4 | 1.1 | .8 | .5 | | | | | | | | | | | 53 | 53 | 60 | | | | | | | | | | | | | | | |
| 53 | 3.7 | 3.8 | 3.9 | 1.5 | 1.2 | .9 | .6 | | | | | | | | | | | 72 | 72 | 51 | | | | | | | | | | | | | | | |
| 52 | 3.9 | 4.0 | 4.1 | 1.6 | 1.3 | 1.0 | .7 | | | | | | | | | | | 64 | 64 | 83 | | | | | | | | | | | | | | | |
| 51 | 4.1 | 4.2 | 4.3 | 1.7 | 1.4 | 1.1 | .8 | | | | | | | | | | | 57 | 57 | 56 | | | | | | | | | | | | | | | |
| 50 | 4.3 | 4.4 | 4.5 | 1.8 | 1.5 | 1.2 | .9 | | | | | | | | | | | 37 | 37 | 50 | | | | | | | | | | | | | | | |
| 49 | 4.5 | 4.6 | 4.7 | 1.9 | 1.6 | 1.3 | 1.0 | | | | | | | | | | | 11 | 11 | 46 | | | | | | | | | | | | | | | |
| 48 | 4.7 | 4.8 | 4.9 | 2.0 | 1.7 | 1.4 | 1.1 | | | | | | | | | | | 16 | 16 | 32 | | | | | | | | | | | | | | | |
| 47 | 4.9 | 5.0 | 5.1 | 2.1 | 1.8 | 1.5 | 1.2 | | | | | | | | | | | 6 | 6 | 11 | | | | | | | | | | | | | | | |
| 46 | 5.1 | 5.2 | 5.3 | 2.2 | 1.9 | 1.6 | 1.3 | | | | | | | | | | | 1 | 1 | 5 | | | | | | | | | | | | | | | |
| 45 | 5.3 | 5.4 | 5.5 | 2.3 | 2.0 | 1.7 | 1.4 | | | | | | | | | | | 2 | 2 | 3 | | | | | | | | | | | | | | | |
| 44 | 5.5 | 5.6 | 5.7 | 2.4 | 2.1 | 1.8 | 1.5 | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 43 | 5.7 | 5.8 | 5.9 | 2.5 | 2.2 | 1.9 | 1.6 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| 42 | 5.9 | 6.0 | 6.1 | 2.6 | 2.3 | 2.0 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | 6.1 | 6.2 | 6.3 | 2.7 | 2.4 | 2.1 | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 6.3 | 6.4 | 6.5 | 2.8 | 2.5 | 2.2 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 6.5 | 6.6 | 6.7 | 2.9 | 2.6 | 2.3 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 6.7 | 6.8 | 6.9 | 3.0 | 2.7 | 2.4 | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 6.9 | 7.0 | 7.1 | 3.1 | 2.8 | 2.5 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | 7.1 | 7.2 | 7.3 | 3.2 | 2.9 | 2.6 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | 7.3 | 7.4 | 7.5 | 3.3 | 3.0 | 2.7 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | 7.5 | 7.6 | 7.7 | 3.4 | 3.1 | 2.8 | 2.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | 7.7 | 7.8 | 7.9 | 3.5 | 3.2 | 2.9 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 7.9 | 8.0 | 8.1 | 3.6 | 3.3 | 3.0 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 8.1 | 8.2 | 8.3 | 3.7 | 3.4 | 3.1 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 8.3 | 8.4 | 8.5 | 3.8 | 3.5 | 3.2 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 8.5 | 8.6 | 8.7 | 3.9 | 3.6 | 3.3 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 8.7 | 8.8 | 8.9 | 4.0 | 3.7 | 3.4 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 8.9 | 9.0 | 9.1 | 4.1 | 3.8 | 3.5 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 9.1 | 9.2 | 9.3 | 4.2 | 3.9 | 3.6 | 3.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 9.3 | 9.4 | 9.5 | 4.3 | 4.0 | 3.7 | 3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 9.5 | 9.6 | 9.7 | 4.4 | 4.1 | 3.8 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 9.7 | 9.8 | 9.9 | 4.5 | 4.2 | 3.9 | 3.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 9.9 | 10.0 | | 4.6 | 4.3 | 4.0 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | 4.7 | 4.4 | 4.1 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | 4.5 | 4.2 | 3.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | 4.3 | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | 4.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | Σ x ² | Σ x | X | σ _a | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|------------------|-----|---|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

97-21

250

STATION

STATION NAME

YEARS

MON - 1

FA50 2 1612-10-2

HOURS L. S. T.

| Temp
(F) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|-------------|------|------|------|------|------|------|------|------|------|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|----------------------|----------|-----------|--|
| 7 | | | | | | | | | | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B., W.B., Dry Bulb | Wet Bulb | Dew Point | |
| 1 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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USAFETAC
FORM
0-26-5 (O.L.A.)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------|
| STATION | STATION NAME |
|---------|--------------|

YEARS

PAGE 1 197-11
HOURS 5 7

PSYCHROMETRIC SUMMARY

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

2-2-1

GFC

STATION

STATION NAME

YEARS

MONTH

PAGE 3 7920-1120

HOURS (L, S, T)

PSYCHROMETRIC SUMMARY

YEARS

HOURS 5 7

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--------------------|--------------------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. Dry Bulb | Wet Bulb Dew Point | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | 13 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 20 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS MONTH HOURS

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|----------|----------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 | 16.0 | 16.1 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 16.9 | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.9 | 18.0 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 | 19.0 | 19.1 | 19.2 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 | 32.0 | 32.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 | 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 | 43 |

USAFETAC
FORM
AUG 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRET

7-2

STATION NAME

YEARS

DEC

PAGE 1 1500-1700
HOURS 16, 5, 7, 1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7/22/77 FT. BELLEVILLE, IL 73-51 DFC
STATION STATION NAME YEARS MONTH
PAGE 2 1570-1730
HOURS (L.S.T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 7/17 | | | | | | | | | | | | | | | | | | | | | | 18 | | | | |
| 7/18 | | | | | | | | | | | | | | | | | | | | | | 17 | | | | |
| 7/11 | | | | | | | | | | | | | | | | | | | | | | 17 | | | | |
| / | | | | | | | | | | | | | | | | | | | | | | 9 | | | | |
| / | | | | | | | | | | | | | | | | | | | | | | 9 | | | | |
| / | | | | | | | | | | | | | | | | | | | | | | 9 | | | | |
| 7/11 | | | | | | | | | | | | | | | | | | | | | | 935 | | | | |
| | | 7.7 | 8.4 | 9.2 | 10.1 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | | | | | 835 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | 835 | | | | |

| Element (X) | ΣX' | ΣX | X | c _s | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Rel. Hum. | 2471601 | 4100 | 47.1 | 21.588 | 835 | | | | | | | |
| Dry Bulb | 3372143 | 48336 | 57.9 | 9.63 | 836 | | | 17.9 | 6.7 | .9 | | 93 |
| Wet Bulb | 72659 | 437 | 48.4 | 9.419 | 836 | | 4.1 | 2.7 | | | | 93 |
| Dew Point | 1816774 | 774 | 36.1 | 14.971 | 836 | | 40.1 | .3 | | | | 93 |

| Element (X) | ΣX | ΣX^2 | ΣX^3 | ΣX^4 | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|------------|--------------|--------------|--------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 2421501 | 4100 | 47.1 | 21.588 | 835 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | 242144 | 48338 | 5.5 | 9.53 | 835 | | | 17.9 | 6.7 | .9 | | 93 |
| Wet Bulb | 242158 | 48377 | 48.4 | 9.419 | 835 | | 4.1 | 2.7 | | | | 93 |
| Dew Point | 116774 | 7744 | 56.1 | 14.971 | 835 | | 40.1 | .5 | | | | 93 |

PSYCHROMETRIC SUMMARY

73-81

UFC

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1600-2000

HOURS: L. S. T. Y.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-----------|----------|----------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | 7.2 | 7.4 | 7.6 | 7.8 | 8.0 | 8.2 | 8.4 | 8.6 | 8.8 | 9.0 | 9.2 | 9.4 | 9.6 | 9.8 | 10.0 | 10.2 | 10.4 | 10.6 | 10.8 | 11.0 | 11.2 | 11.4 | 11.6 | 11.8 | 12.0 | 12.2 | 12.4 | 12.6 | 12.8 | 13.0 | 13.2 | 13.4 | 13.6 | 13.8 | 14.0 | 14.2 | 14.4 | 14.6 | 14.8 | 15.0 | 15.2 | 15.4 | 15.6 | 15.8 | 16.0 | 16.2 | 16.4 | 16.6 | 16.8 | 17.0 | 17.2 | 17.4 | 17.6 | 17.8 | 18.0 | 18.2 | 18.4 | 18.6 | 18.8 | 19.0 | 19.2 | 19.4 | 19.6 | 19.8 | 20.0 | 20.2 | 20.4 | 20.6 | 20.8 | 21.0 | 21.2 | 21.4 | 21.6 | 21.8 | 22.0 | 22.2 | 22.4 | 22.6 | 22.8 | 23.0 | 23.2 | 23.4 | 23.6 | 23.8 | 24.0 | 24.2 | 24.4 | 24.6 | 24.8 | 25.0 | 25.2 | 25.4 | 25.6 | 25.8 | 26.0 | 26.2 | 26.4 | 26.6 | 26.8 | 27.0 | 27.2 | 27.4 | 27.6 | 27.8 | 28.0 | 28.2 | 28.4 | 28.6 | 28.8 | 29.0 | 29.2 | 29.4 | 29.6 | 29.8 | 30.0 | 30.2 | 30.4 | 30.6 | 30.8 | 31.0 | 31.2 | 31.4 | 31.6 | 31.8 | 32.0 | 32.2 | 32.4 | 32.6 | 32.8 | 33.0 | 33.2 | 33.4 | 33.6 | 33.8 | 34.0 | 34.2 | 34.4 | 34.6 | 34.8 | 35.0 | 35.2 | 35.4 | 35.6 | 35.8 | 36.0 | 36.2 | 36.4 | 36.6 | 36.8 | 37.0 | 37.2 | 37.4 | 37.6 | 37.8 | 38.0 | 38.2 | 38.4 | 38.6 | 38.8 | 39.0 | 39.2 | 39.4 | 39.6 | 39.8 | 40.0 | 40.2 | 40.4 | 40.6 | 40.8 | 41.0 | 41.2 | 41.4 | 41.6 | 41.8 | 42.0 | 42.2 | 42.4 | 42.6 | 42.8 | 43.0 | 43.2 | 43.4 | 43.6 | 43.8 | 44.0 | 44.2 | 44.4 | 44.6 | 44.8 | 45.0 | 45.2 | 45.4 | 45.6 | 45.8 | 46.0 | 46.2 | 46.4 | 46.6 | 46.8 | 47.0 | 47.2 | 47.4 | 47.6 | 47.8 | 48.0 | 48.2 | 48.4 | 48.6 | 48.8 | 49.0 | 49.2 | 49.4 | 49.6 | 49.8 | 50.0 | 50.2 | 50.4 | 50.6 | 50.8 | 51.0 | 51.2 | 51.4 | 51.6 | 51.8 | 52.0 | 52.2 | 52.4 | 52.6 | 52.8 | 53.0 | 53.2 | 53.4 | 53.6 | 53.8 | 54.0 | 54.2 | 54.4 | 54.6 | 54.8 | 55.0 | 55.2 | 55.4 | 55.6 | 55.8 | 56.0 | 56.2 | 56.4 | 56.6 | 56.8 | 57.0 | 57.2 | 57.4 | 57.6 | 57.8 | 58.0 | 58.2 | 58.4 | 58.6 | 58.8 | 59.0 | 59.2 | 59.4 | 59.6 | 59.8 | 60.0 | 60.2 | 60.4 | 60.6 | 60.8 | 61.0 | 61.2 | 61.4 | 61.6 | 61.8 | 62.0 | 62.2 | 62.4 | 62.6 | 62.8 | 63.0 | 63.2 | 63.4 | 63.6 | 63.8 | 64.0 | 64.2 | 64.4 | 64.6 | 64.8 | 65.0 | 65.2 | 65.4 | 65.6 | 65.8 | 66.0 | 66.2 | 66.4 | 66.6 | 66.8 | 67.0 | 67.2 | 67.4 | 67.6 | 67.8 | 68.0 | 68.2 | 68.4 | 68.6 | 68.8 | 69.0 | 69.2 | 69.4 | 69.6 | 69.8 | 70.0 | 70.2 | 70.4 | 70.6 | 70.8 | 71.0 | 71.2 | 71.4 | 71.6 | 71.8 | 72.0 | 72.2 | 72.4 | 72.6 | 72.8 | 73.0 | 73.2 | 73.4 | 73.6 | 73.8 | 74.0 | 74.2 | 74.4 | 74.6 | 74.8 | 75.0 | 75.2 | 75.4 | 75.6 | 75.8 | 76.0 | 76.2 | 76.4 | 76.6 | 76.8 | 77.0 | 77.2 | 77.4 | 77.6 | 77.8 | 78.0 | 78.2 | 78.4 | 78.6 | 78.8 | 79.0 | 79.2 | 79.4 | 79.6 | 79.8 | 80.0 | 80.2 | 80.4 | 80.6 | 80.8 | 81.0 | 81.2 | 81.4 | 81.6 | 81.8 | 82.0 | 82.2 | 82.4 | 82.6 | 82.8 | 83.0 | 83.2 | 83.4 | 83.6 | 83.8 | 84.0 | 84.2 | 84.4 | 84.6 | 84.8 | 85.0 | 85.2 | 85.4 | 85.6 | 85.8 | 86.0 | 86.2 | 86.4 | 86.6 | 86.8 | 87.0 | 87.2 | 87.4 | 87.6 | 87.8 | 88.0 | 88.2 | 88.4 | 88.6 | 88.8 | 89.0 | 89.2 | 89.4 | 89.6 | 89.8 | 90.0 | 90.2 | 90.4 | 90.6 | 90.8 | 91.0 | 91.2 | 91.4 | 91.6 | 91.8 | 92.0 | 92.2 | 92.4 | 92.6 | 92.8 | 93.0 | 93.2 | 93.4 | 93.6 | 93.8 | 94.0 | 94.2 | 94.4 | 94.6 | 94.8 | 95.0 | 95.2 | 95.4 | 95.6 | 95.8 | 96.0 | 96.2 | 96.4 | 96.6 | 96.8 | 97.0 | 97.2 | 97.4 | 97.6 | 97.8 | 98.0 | 98.2 | 98.4 | 98.6 | 98.8 | 99.0 | 99.2 | 99.4 | 99.6 | 99.8 | 100.0 |

PSYCHROMETRIC SUMMARY

73-6!

DFC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2110-2300

HOUS 11 S 7

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 7 / 5 | | | | | | .4 | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 7 / 7 | | | | .4 | | .1 | | | | | | | | | | | | 5 | 5 | | | | | | | | | | | | | | | | |
| 7 / 9 | | | .4 | .1 | .1 | | | | | | | | | | | | | 3 | 3 | 1 | | | | | | | | | | | | | | | |
| 7 / 67 | | .4 | .2 | .4 | | | | | | | | | | | | | | 8 | 8 | 2 | 1 | | | | | | | | | | | | | | |
| 67 / 67 | | .7 | 1.7 | .5 | | | | | | | | | | | | | | 19 | 19 | 8 | 5 | | | | | | | | | | | | | | |
| 47 / 67 | | .7 | .8 | .5 | | | | | | | | | | | | | | 17 | 17 | 12 | 5 | | | | | | | | | | | | | | |
| 7 / 81 | | .3 | .5 | | | | .1 | | | | | | | | | | | 12 | 12 | 32 | 14 | | | | | | | | | | | | | | |
| 7 / 59 | .4 | 1.9 | .3 | .1 | .1 | .1 | | | | | | | | | | | | 36 | 36 | 20 | 19 | | | | | | | | | | | | | | |
| 7 / 57 | .7 | 1.2 | 1.3 | .5 | .6 | | | | | | | | | | | | | 33 | 33 | 27 | 23 | | | | | | | | | | | | | | |
| 5 / 55 | .5 | 1.9 | .3 | .6 | .4 | | | | | | | | | | | | | 35 | 35 | 22 | 26 | | | | | | | | | | | | | | |
| 7 / 53 | .1 | 1.4 | 1.2 | .4 | .5 | .5 | .1 | | | | | | | | | | | 35 | 35 | 28 | 23 | | | | | | | | | | | | | | |
| 7 / 51 | .4 | 1.6 | 1.2 | .6 | 1.2 | .7 | .1 | | | | | | | | | | | 47 | 47 | 36 | 31 | | | | | | | | | | | | | | |
| 7 / 49 | | 1.9 | 1.3 | .6 | 1.1 | .1 | .1 | | | | | | | | | | | 46 | 46 | 35 | 28 | | | | | | | | | | | | | | |
| 7 / 47 | .6 | 2.7 | .1 | 1.7 | .3 | | | | | | | | | | | | | 55 | 55 | 38 | 27 | | | | | | | | | | | | | | |
| 7 / 45 | .4 | 1.5 | 1.7 | 1.4 | .4 | .7 | | | | | | | | | | | | 47 | 47 | 53 | 48 | | | | | | | | | | | | | | |
| 4 / 43 | .4 | 1.1 | 2.7 | 1.2 | .4 | .1 | | | | | | | | | | | | 51 | 51 | 42 | 37 | | | | | | | | | | | | | | |
| 7 / 41 | .3 | 2.1 | 2.5 | 1.4 | .4 | .7 | | | | | | | | | | | | 57 | 57 | 53 | 37 | | | | | | | | | | | | | | |
| 7 / 39 | .4 | 2.2 | 3.1 | .6 | .4 | .2 | | | | | | | | | | | | 57 | 57 | 71 | 23 | | | | | | | | | | | | | | |
| 7 / 37 | | 3.4 | 1.4 | 1.3 | .5 | .1 | | | | | | | | | | | | 57 | 57 | 56 | 38 | | | | | | | | | | | | | | |
| 7 / 35 | .4 | 3.4 | .3 | 1.2 | .3 | | | | | | | | | | | | | 52 | 52 | 72 | 50 | | | | | | | | | | | | | | |
| 7 / 33 | .1 | 2.2 | 1.4 | 1.3 | .4 | | | | | | | | | | | | | 45 | 45 | 48 | 65 | | | | | | | | | | | | | | |
| 7 / 31 | .1 | 2.1 | 2.7 | .7 | | | | | | | | | | | | | | 48 | 48 | 41 | 99 | | | | | | | | | | | | | | |
| 7 / 29 | .4 | 1.1 | 1.3 | .7 | | | | | | | | | | | | | | 59 | 59 | 52 | 43 | | | | | | | | | | | | | | |
| 7 / 27 | | .8 | .3 | .3 | | | | | | | | | | | | | | 18 | 18 | 49 | 26 | | | | | | | | | | | | | | |
| 7 / 25 | | .4 | .6 | | | | | | | | | | | | | | | 9 | 9 | 23 | 22 | | | | | | | | | | | | | | |
| 7 / 23 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 17 | 26 | | | | | | | | | | | | | | |
| 7 / 21 | | .3 | .1 | | | | | | | | | | | | | | | 3 | 3 | 5 | 33 | | | | | | | | | | | | | | |
| 7 / 19 | | | | | | | | | | | | | | | | | | | | 3 | 32 | | | | | | | | | | | | | | |
| 7 / 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 27 | | | | | | | | | | | | | | |
| 7 / 15 | | | | | | | | | | | | | | | | | | | | | 19 | | | | | | | | | | | | | | |
| 7 / 13 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 7 / 11 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | |
| 7 / 9 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | X | | C _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≥ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

1227 60 GENNILE 34

73-51

DFC

STATION

STATION NAME

YEARS

MONTAG

PAGE 2120-2302

HOURS: 11 A.M. - 5 P.M.

[illegible]

PSYCHROMETRIC SUMMARY

73-01

UFC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

NOV 9 11 5 7

[illegible]

PSYCHROMETRIC SUMMARY

DFC

STATION

STATION NAME

YEARS

PAGE 2

MONTH

ALL

HOURS 11.5 5.7 7.1

[illegible]

PSYCHROMETRIC SUMMARY

73-41

ALL

STATION

STATION NAME

YEARS

MONTY

PAGE 2

A 22

HOURS: 1, 5, 7.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Wet Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 71.3 | | | | | | | | | | | | | | | | | | 15 | 15 | | | | | | | | | | | | | | | | |
| 71.1 | | | | | | | | | | | | | | | | | | 45 | 46 | | | | | | | | | | | | | | | | |
| 70.9 | | | | | | | | | | | | | | | | | | 117 | 117 | | | | | | | | | | | | | | | | |
| 70.7 | | | | | | | | | | | | | | | | | | 109 | 109 | | | | | | | | | | | | | | | | |
| 70.5 | | | | | | | | | | | | | | | | | | 492 | 492 | | | | | | | | | | | | | | | | |
| 70.3 | | | | | | | | | | | | | | | | | | 787 | 787 | | | | | | | | | | | | | | | | |
| 70.1 | | | | | | | | | | | | | | | | | | 1059 | 1059 | | | | | | | | | | | | | | | | |
| 69.9 | | | | | | | | | | | | | | | | | | 1418 | 1419 | | | | | | | | | | | | | | | | |
| 69.7 | | | | | | | | | | | | | | | | | | 1705 | 1706 | | | | | | | | | | | | | | | | |
| 69.5 | | | | | | | | | | | | | | | | | | 1899 | 1891 | | | | | | | | | | | | | | | | |
| 69.3 | | | | | | | | | | | | | | | | | | 2060 | 2067 | | | | | | | | | | | | | | | | |
| 69.1 | | | | | | | | | | | | | | | | | | 2262 | 2233 | | | | | | | | | | | | | | | | |
| 68.9 | | | | | | | | | | | | | | | | | | 2837 | 2837 | | | | | | | | | | | | | | | | |
| 68.7 | | | | | | | | | | | | | | | | | | 3389 | 3337 | | | | | | | | | | | | | | | | |
| 68.5 | | | | | | | | | | | | | | | | | | 4517 | 4518 | | | | | | | | | | | | | | | | |
| 68.3 | | | | | | | | | | | | | | | | | | 4889 | 4869 | | | | | | | | | | | | | | | | |
| 68.1 | | | | | | | | | | | | | | | | | | 4613 | 4616 | | | | | | | | | | | | | | | | |
| 67.9 | | | | | | | | | | | | | | | | | | 3672 | 3675 | | | | | | | | | | | | | | | | |
| 67.7 | | | | | | | | | | | | | | | | | | 3203 | 3274 | | | | | | | | | | | | | | | | |
| 67.5 | | | | | | | | | | | | | | | | | | 3136 | 3136 | | | | | | | | | | | | | | | | |
| 67.3 | | | | | | | | | | | | | | | | | | 2851 | 2853 | | | | | | | | | | | | | | | | |
| 67.1 | | | | | | | | | | | | | | | | | | 2860 | 2861 | | | | | | | | | | | | | | | | |
| 66.9 | | | | | | | | | | | | | | | | | | 2782 | 2782 | | | | | | | | | | | | | | | | |
| 66.7 | | | | | | | | | | | | | | | | | | 2467 | 2467 | | | | | | | | | | | | | | | | |
| 66.5 | | | | | | | | | | | | | | | | | | 2454 | 2454 | | | | | | | | | | | | | | | | |
| 66.3 | | | | | | | | | | | | | | | | | | 2314 | 2314 | | | | | | | | | | | | | | | | |
| 66.1 | | | | | | | | | | | | | | | | | | 2161 | 2162 | | | | | | | | | | | | | | | | |
| 65.9 | | | | | | | | | | | | | | | | | | 2127 | 2128 | | | | | | | | | | | | | | | | |
| 65.7 | | | | | | | | | | | | | | | | | | 2114 | 2119 | | | | | | | | | | | | | | | | |
| 65.5 | | | | | | | | | | | | | | | | | | 2138 | 2138 | | | | | | | | | | | | | | | | |
| 65.3 | | | | | | | | | | | | | | | | | | 1767 | 1769 | | | | | | | | | | | | | | | | |
| 65.1 | | | | | | | | | | | | | | | | | | 1650 | 1651 | | | | | | | | | | | | | | | | |
| 64.9 | | | | | | | | | | | | | | | | | | 1444 | 1445 | | | | | | | | | | | | | | | | |
| 64.7 | | | | | | | | | | | | | | | | | | 1304 | 1305 | | | | | | | | | | | | | | | | |
| 64.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

73-51

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

NOUVEAU 11-5-7

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 35 | | .1 | .1 | .4 | .5 | .7 | | | | | | | | | | | | 1133 | 1133 | 1568 | 1494 | |
| 33 | | .1 | .3 | .4 | .2 | .1 | .7 | | | | | | | | | | | 1042 | 1042 | 1476 | 1491 | |
| 31 | | .1 | .7 | .4 | .3 | .1 | | | | | | | | | | | | 1206 | 1206 | 1316 | 1231 | |
| 29 | | .1 | .4 | .3 | .1 | .1 | | | | | | | | | | | | 795 | 797 | 1287 | 1744 | |
| 27 | | .1 | .4 | .2 | .1 | .1 | | | | | | | | | | | | 521 | 521 | 941 | 1401 | |
| 25 | | .1 | .3 | .2 | .1 | .1 | .7 | | | | | | | | | | | 414 | 414 | 874 | 1292 | |
| 23 | | .1 | .1 | .1 | .1 | | | | | | | | | | | | | 184 | 184 | 693 | 874 | |
| 21 | | .1 | .1 | .1 | .1 | | | | | | | | | | | | | 194 | 194 | 379 | 931 | |
| 19 | | .1 | .1 | .1 | | | | | | | | | | | | | | 85 | 85 | 176 | 985 | |
| 17 | | .1 | .1 | .1 | | | | | | | | | | | | | | 25 | 26 | 84 | 676 | |
| 15 | | | .1 | .1 | | | | | | | | | | | | | | 7 | 13 | 76 | 547 | |
| 13 | | .1 | .1 | .1 | | | | | | | | | | | | | | 17 | 17 | 13 | 511 | |
| 11 | | .7 | .7 | | | | | | | | | | | | | | | 11 | 11 | 17 | 429 | |
| 9 | | | .1 | | | | | | | | | | | | | | | 5 | 5 | 4 | 314 | |
| 7 | | | .7 | | | | | | | | | | | | | | | 2 | 2 | 6 | 73 | |
| 5 | | | | | | | | | | | | | | | | | | | | | 67 | |
| 3 | | | | | | | | | | | | | | | | | | | | | 45 | |
| 1 | | | | | | | | | | | | | | | | | | | | | 24 | |
| -1 | | | | | | | | | | | | | | | | | | | | | 1 | |
| -3 | | | | | | | | | | | | | | | | | | | | | 3 | |
| -5 | | | | | | | | | | | | | | | | | | | | | 1 | |
| -7 | | | | | | | | | | | | | | | | | | | | | 1 | |
| -9 | | | | | | | | | | | | | | | | | | | | | 1 | |
| -11 | | | | | | | | | | | | | | | | | | | | | 1 | |
| -13 | | | | | | | | | | | | | | | | | | | | | 1 | |
| 1-15 | | .425 | .223 | .712 | .7 | .9 | .6 | .9 | .5 | .9 | 4.2 | 3.0 | 2.9 | 1.6 | .7 | .2 | .1 | .1 | 7-452 | | 784-4 | |
| TOTAL | | | | | | | | | | | | | | | | | | 784-4 | | 784-4 | | |

| Element (X) | Σg ¹ | Σg | H | g _s | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | |
|-------------|-----------------|--------|--------|----------------|----------|------------------------------------|-------|--------|--------|--------|--------|--------|-----|
| Rel. Hum. | 42 | 5274 | 5574 | 70.9 | 20.33 | 78404 | ± 0 F | ± 32 F | ± 67 F | ± 73 F | ± 86 F | ± 93 F | |
| Dry Bulb | 77 | 274738 | 571184 | 63.3 | 16.700 | 78432 | | 86.2 | 4397.3 | 3097.8 | 1514.3 | 195.1 | 476 |
| Wet Bulb | 77 | 273693 | 453324 | 57.6 | 14.556 | 78404 | | 610.8 | 3217.7 | 1863.4 | 81.6 | | 476 |
| Dew Point | 24 | 172199 | 414175 | 52.3 | 17.794 | 78404 | 4.9 | 1362.7 | 2511.3 | 733.7 | 3.8 | | 276 |

PSYCHROMETRIC SUMMARY

MON T H

HOUS S S

[illegible]

1. *Al. trichomanes* (L.) Maxon
2. *Al. trichomanes* (L.) Maxon

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

USAF ETAC FORM 0-89-5 (OL A)
OCT 78

21 JUL 1965

TABLE 1. TEMPERATURES OF LIFE FORMS DURING A SOLARIZATION

7-1-1

[illegible]

[illegible]

1. NAME _____

2. DATE _____

3. TIME _____

4. LOCATION _____

5. WEATHER _____

6. WIND _____

7. TEMPERATURE _____

8. MOON _____

9. STARS _____

10. PLANETS _____

11. OTHER _____

12. REMARKS _____

13. SKETCH _____

14. DESCRIPTION _____

15. CONCLUSION _____

16. SIGNATURE _____

17. DATE _____

18. TIME _____

19. LOCATION _____

20. WEATHER _____

21. WIND _____

22. TEMPERATURE _____

23. MOON _____

24. STARS _____

25. PLANETS _____

26. OTHER _____

27. REMARKS _____

28. SKETCH _____

29. DESCRIPTION _____

30. CONCLUSION _____

31. SIGNATURE _____

32. DATE _____

33. TIME _____

34. LOCATION _____

35. WEATHER _____

36. WIND _____

37. TEMPERATURE _____

38. MOON _____

39. STARS _____

40. PLANETS _____

41. OTHER _____

42. REMARKS _____

43. SKETCH _____

44. DESCRIPTION _____

45. CONCLUSION _____

46. SIGNATURE _____

47. DATE _____

48. TIME _____

49. LOCATION _____

50. WEATHER _____

51. WIND _____

52. TEMPERATURE _____

53. MOON _____

54. STARS _____

55. PLANETS _____

56. OTHER _____

57. REMARKS _____

58. SKETCH _____

59. DESCRIPTION _____

60. CONCLUSION _____

61. SIGNATURE _____

62. DATE _____

63. TIME _____

64. LOCATION _____

65. WEATHER _____

66. WIND _____

67. TEMPERATURE _____

68. MOON _____

69. STARS _____

70. PLANETS _____

71. OTHER _____

72. REMARKS _____

73. SKETCH _____

74. DESCRIPTION _____

75. CONCLUSION _____

76. SIGNATURE _____

77. DATE _____

78. TIME _____

79. LOCATION _____

80. WEATHER _____

81. WIND _____

82. TEMPERATURE _____

83. MOON _____

84. STARS _____

85. PLANETS _____

86. OTHER _____

87. REMARKS _____

88. SKETCH _____

89. DESCRIPTION _____

90. CONCLUSION _____

91. SIGNATURE _____

92. DATE _____

93. TIME _____

94. LOCATION _____

95. WEATHER _____

96. WIND _____

97. TEMPERATURE _____

98. MOON _____

99. STARS _____

100. PLANETS _____

101. OTHER _____

102. REMARKS _____

103. SKETCH _____

104. DESCRIPTION _____

105. CONCLUSION _____

106. SIGNATURE _____

107. DATE _____

108. TIME _____

109. LOCATION _____

110. WEATHER _____

111. WIND _____

112. TEMPERATURE _____

113. MOON _____

114. STARS _____

115. PLANETS _____

116. OTHER _____

117. REMARKS _____

118. SKETCH _____

119. DESCRIPTION _____

120. CONCLUSION _____

121. SIGNATURE _____

122. DATE _____

123. TIME _____

124. LOCATION _____

125. WEATHER _____

126. WIND _____

127. TEMPERATURE _____

128. MOON _____

129. STARS _____

130. PLANETS _____

131. OTHER _____

132. REMARKS _____

133. SKETCH _____

134. DESCRIPTION _____

135. CONCLUSION _____

136. SIGNATURE _____

137. DATE _____

138. TIME _____

139. LOCATION _____

140. WEATHER _____

141. WIND _____

142. TEMPERATURE _____

143. MOON _____

144. STARS _____

145. PLANETS _____

146. OTHER _____

147. REMARKS _____

148. SKETCH _____

149. DESCRIPTION _____

150. CONCLUSION _____

151. SIGNATURE _____

152. DATE _____

153. TIME _____

154. LOCATION _____

155. WEATHER _____

156. WIND _____

157. TEMPERATURE _____

158. MOON _____

159. STARS _____

160. PLANETS _____

161. OTHER _____

162. REMARKS _____

163. SKETCH _____

164. DESCRIPTION _____

165. CONCLUSION _____

166. SIGNATURE _____

167. DATE _____

168. TIME _____

169. LOCATION _____

170. WEATHER _____

171. WIND _____

172. TEMPERATURE _____

173. MOON _____

174. STARS _____

175. PLANETS _____

176. OTHER _____

177. REMARKS _____

178. SKETCH _____

179. DESCRIPTION _____

180. CONCLUSION _____

181. SIGNATURE _____

182. DATE _____

183. TIME _____

184. LOCATION _____

185. WEATHER _____

186. WIND _____

187. TEMPERATURE _____

188. MOON _____

189. STARS _____

190. PLANETS _____

191. OTHER _____

192. REMARKS _____

193. SKETCH _____

194. DESCRIPTION _____

195. CONCLUSION _____

196. SIGNATURE _____

197. DATE _____

198. TIME _____

199. LOCATION _____

200. WEATHER _____

201. WIND _____

202. TEMPERATURE _____

203. MOON _____

204. STARS _____

205. PLANETS _____

206. OTHER _____

207. REMARKS _____

208. SKETCH _____

209. DESCRIPTION _____

210. CONCLUSION _____

211. SIGNATURE _____

212. DATE _____

213. TIME _____

214. LOCATION _____

215. WEATHER _____

216. WIND _____

217. TEMPERATURE _____

218. MOON _____

219. STARS _____

220. PLANETS _____

221. OTHER _____

222. REMARKS _____

223. SKETCH _____

224. DESCRIPTION _____

225. CONCLUSION _____

226. SIGNATURE _____

227. DATE _____

228. TIME _____

229. LOCATION _____

230. WEATHER _____

231. WIND _____

232. TEMPERATURE _____

233. MOON _____

234. STARS _____

235. PLANETS _____

236. OTHER _____

237

MONTH

— 1 —

۷۴۰

RELATIVE HUMIDITY

3

100 - 250 - 500 - 1000

7-3-61

24

STATION

STATION NAME

PERIOD

MONTH

[illegible]**USAFETAC**FORM
15.01.04

0-87-5 (OL A)

RELATIVE HUMIDITY

73-54

45.

STATION

STATION NAME

PERIOD

MONIN

[illegible]

U.S. AIR FORCE
 PETAC
 STATION - SEAVIC/MAO

RELATIVE HUMIDITY

STATION PETAC/MAO

77-91

APR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 1-31 | 1-31 | 100.0 | 100.0 | 100.0 | 99.6 | 98.1 | 94.7 | 85.3 | 64.7 | 34.1 | 17.1 | 577 |
| 1-31 | 1-31 | 100.0 | 100.0 | 99.9 | 99.5 | 98.1 | 96.4 | 92.7 | 77.7 | 54.2 | 36.0 | 577 |
| 1-31 | 1-31 | 100.0 | 100.0 | 100.0 | 99.4 | 94.6 | 92.3 | 87.1 | 71.4 | 46.3 | 26.0 | 577 |
| 1-31 | 1-31 | 100.0 | 100.0 | 99.6 | 98.1 | 96.0 | 93.0 | 85.3 | 64.7 | 34.1 | 17.1 | 577 |
| 1-31 | 1-31 | 100.0 | 99.1 | 83.7 | 58.2 | 31.7 | 14.0 | 13.1 | 1.0 | 1.0 | 46.0 | 577 |
| 1-31 | 1-31 | 100.0 | 97.0 | 71.0 | 47.5 | 30.0 | 15.4 | 10.7 | 1.1 | 1.0 | 46.1 | 577 |
| 1-31 | 1-31 | 100.0 | 99.1 | 97.7 | 74.3 | 60.3 | 47.2 | 29.7 | 11.7 | 5.5 | 25.1 | 577 |
| 1-23 | 1-23 | 100.0 | 100.0 | 97.7 | 81.4 | 94.4 | 75.1 | 72.7 | 41.6 | 17.4 | 27.5 | 577 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.1 | 97.7 | 81.4 | 74.7 | 64.3 | 53.4 | 31.0 | 17.7 | 26.4 | 5477 |

USAFETAC

FORM
 APR 64

0-87-5 (OL A)

U.S. AIR FORCE TROPICAL PACIFIC
 PACIFIC TAC
 AIR WEATHER SERVICE / PAC

RELATIVE HUMIDITY

1021 FT. BELMONT, CA

27-81

MAY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 1-10 | 100.0 | 100.0 | 100.0 | 99.9 | 99.9 | 99.7 | 95.3 | 80.3 | 39.2 | 58.3 | 83 |
| | 1-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.5 | 98.1 | 91.7 | 45.5 | 57.1 | 831 |
| | 1-30 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.8 | 95.3 | 85.4 | 36.5 | 57.6 | 830 |
| | 1-40 | 100.0 | 100.0 | 99.9 | 96.0 | 86.4 | 68.7 | 45.5 | 23.5 | 5.9 | 53.1 | 83 |
| | 1-50 | 100.0 | 100.0 | 97.0 | 81.0 | 55.0 | 33.3 | 17.7 | 9.9 | 2.2 | 54.9 | 831 |
| | 1-60 | 100.0 | 100.0 | 97.3 | 72.0 | 48.6 | 27.7 | 15.6 | 8.7 | 1.8 | 52.4 | 831 |
| | 1-70 | 100.0 | 100.0 | 97.7 | 61.2 | 37.1 | 64.7 | 45.8 | 20.7 | 4.8 | 66.6 | 829 |
| | 1-80 | 100.0 | 100.0 | 100.0 | 99.6 | 99.1 | 94.7 | 88.1 | 71.9 | 24.6 | 84.1 | 828 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 98.5 | 92.5 | 83.5 | 73.3 | 62.6 | 51.4 | 19.9 | 74.1 | 8637 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

OFFICE OF THE SECRETARY OF THE ARMY
 WASHINGTON, D. C. 20315
 WEATHER SERVICE / WAC

RELATIVE HUMIDITY

STATION NAME

PERIOD

MONTH

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 1-1 | 1-1 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 96.7 | 87.0 | 70.4 | 46.5 | 24.5 | 100 |
| 1-2 | 1-2 | 100.0 | 100.0 | 100.0 | 99.9 | 99.1 | 93.4 | 83.6 | 67.5 | 42.9 | 27.0 | 100 |
| 1-3 | 1-3 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 96.4 | 89.0 | 76.0 | 58.4 | 34.4 | 799 |
| 1-4 | 1-4 | 100.0 | 100.0 | 99.9 | 96.3 | 87.0 | 63.8 | 39.0 | 11.0 | 0.1 | 55.7 | 800 |
| 1-5 | 1-5 | 100.0 | 100.0 | 97.1 | 82.3 | 53.3 | 26.7 | 11.3 | 4.7 | 0.2 | 50.3 | 800 |
| 1-6 | 1-6 | 100.0 | 100.0 | 94.7 | 72.3 | 45.7 | 26.2 | 13.5 | 1.1 | 1.4 | 51.5 | 800 |
| 1-7 | 1-7 | 100.0 | 100.0 | 93.1 | 68.8 | 43.5 | 26.1 | 13.4 | 1.9 | 4.5 | 67.8 | 800 |
| 1-8 | 1-8 | 100.0 | 100.0 | 90.7 | 69.3 | 46.7 | 27.6 | 13.4 | 5.1 | 15.3 | 67.0 | 800 |
| 1-9 | 1-9 | | | | | | | | | | | |
| 1-10 | 1-10 | | | | | | | | | | | |
| 1-11 | 1-11 | | | | | | | | | | | |
| 1-12 | 1-12 | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 92.6 | 61.6 | 41.4 | 26.4 | 13.6 | 4.5 | 17.7 | 71.0 | 847 |

USAFETAC

FORM 84

0-87-5 (OL A)

RELATIVE HUMIDITY

75-61

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

OFFICIAL USE ONLY
 1. STATION NAME
 2. DATE

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 1-1 | 1-1 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.9 | 94.4 | 89.4 | 84.5 | 79.4 | 403 |
| 1-2 | 1-2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 96.5 | 93.2 | 87.5 | 81.4 | 376 |
| 1-3 | 1-3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 96.3 | 92.9 | 87.4 | 81.4 | 374 |
| 1-4 | 1-4 | 100.0 | 100.0 | 100.0 | 99.3 | 95.4 | 92.6 | 87.6 | 81.5 | 74.0 | 67.3 | 371 |
| 1-11 | 1-11 | 100.0 | 100.0 | 99.4 | 98.7 | 96.6 | 93.8 | 89.5 | 84.0 | 76.5 | 69.1 | 370 |
| 1-17 | 1-17 | 100.0 | 99.2 | 97.6 | 95.7 | 93.7 | 89.2 | 83.7 | 76.7 | 69.7 | 62.6 | 370 |
| 1-20 | 1-20 | 100.0 | 100.0 | 99.6 | 98.4 | 96.3 | 93.3 | 88.7 | 83.7 | 76.1 | 69.2 | 370 |
| 1-21 | 1-21 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 96.6 | 92.6 | 87.2 | 80.9 | 73.6 | 370 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.6 | 98.4 | 96.7 | 93.0 | 88.5 | 83.7 | 76.3 | 69.1 | 3425 |

USAFETAC

FORM
 JAN 64

0-87-5 (OL A)

U.S. DEPARTMENT OF COMMERCE
NATIONAL CENTER FOR ENVIRONMENTAL DATA
NOAA

RELATIVE HUMIDITY

STATION NAME

PERIOD

MONTH

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 1-1 | 1-1 | 100.0 | 100.0 | 100.0 | 99.9 | 97.4 | 92.4 | 79.4 | 47.9 | 15.3 | 74.0 | 100 |
| 1-2 | 1-2 | 100.0 | 100.0 | 100.0 | 100.0 | 96.0 | 92.3 | 84.7 | 57.1 | 18.1 | 40.4 | 100 |
| 1-3 | 1-3 | 100.0 | 100.0 | 100.0 | 99.9 | 99.3 | 94.6 | 83.7 | 55.7 | 14.6 | 40.7 | 100 |
| 1-4 | 1-4 | 100.0 | 100.0 | 97.0 | 93.1 | 83.1 | 69.4 | 57.1 | 34.7 | 6.8 | 55.1 | 100 |
| 1-14 | 1-14 | 100.0 | 98.0 | 84.7 | 66.7 | 46.6 | 31.1 | 16.0 | 7.0 | 2.5 | 51.0 | 100 |
| 1-15 | 1-15 | 100.0 | 96.4 | 76.7 | 56.4 | 40.2 | 25.8 | 15.9 | 7.7 | 2.1 | 47.6 | 100 |
| 1-25 | 1-25 | 100.0 | 100.0 | 92.7 | 83.7 | 64.8 | 69.1 | 46.7 | 15.4 | 5.2 | 67.4 | 100 |
| 1-26 | 1-26 | 100.0 | 100.0 | 94.9 | 84.8 | 95.0 | 86.3 | 72.4 | 31.4 | 17.0 | 76.0 | 100 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | | 99.9 | 94.7 | 86.3 | 60.2 | 62.8 | 56.3 | 21.0 | 11.5 | 66.8 | 1470 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MON'H

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|----------------|--|-----|-----|-----|------|------|------|-----|-----|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90 | | |
| JAN | 11.2 | 0 | 0.1 | 0.5 | 0.9 | 21.3 | 1.4 | 2.0 | 0.1 | 0.1 | 0 | 1 |
| FEB | 11.2 | 0 | 0 | 0.1 | 0 | 20.1 | 0 | 47.0 | 2.2 | 1.4 | 0.1 | 1 |
| MAR | 11.2 | 0 | 0.1 | 0.1 | 0.3 | 21 | 0.1 | 3.0 | 0.1 | 0.1 | 0 | 1 |
| APR | 11.2 | 0.1 | 0 | 0.1 | 0.1 | 20.2 | 0.1 | 3.0 | 0.1 | 0.1 | 0.1 | 1 |
| MAY | 11.2 | 0 | 0 | 0.1 | 0 | 20 | 22.3 | 1.0 | 0.1 | 0 | 0.1 | 1 |
| JUN | 11.2 | 0 | 1 | 0 | 0.1 | 21 | 3.4 | 1.0 | 0.1 | 1.7 | 0.1 | 1 |
| JUL | 11.2 | 0 | 1 | 0 | 0.1 | 20.1 | 2.0 | 0.1 | 0.1 | 1.3 | 0.1 | 1 |
| AUG | 11.2 | 0 | 1 | 0.1 | 0.1 | 21 | 2.4 | 0.1 | 0.1 | 1 | 0 | 1 |
| SEP | 11.2 | 0 | 1 | 0 | 0.1 | 20 | 2.0 | 0.1 | 0.1 | 1.3 | 0.1 | 1 |
| OCT | 11.2 | 0 | 0.1 | 0.1 | 0.1 | 20.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 1 |
| NOV | 11.2 | 0 | 0.1 | 0.1 | 0.1 | 20.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 1 |
| DEC | 11.2 | 0 | 0.1 | 0.1 | 0.1 | 20.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 1 |
| TOTALS | | 0 | 0 | 0 | 0 | 30.2 | 0.6 | 0.3 | 0.3 | 1.5 | 0 | 10 |

USAFETAC FORM 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

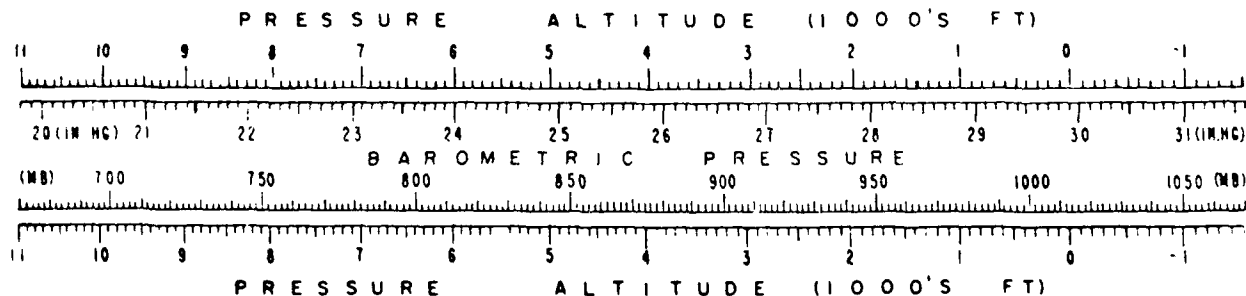
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

McTAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



END

DATE
FILMED

6-83

DTI